

Appendix-A LTE Band 42(3550-3600)

Effective (Isotropic) Radiated Power Output Data

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result (dBm)	EIRP (dBm)	Verdict
42(3550-3600)	5MHz	QPSK	43115	1RB#0	24.63	18.5	PASS
42(3550-3600)	5MHz	QPSK	43115	25RB#0	23.72	17.59	PASS
42(3550-3600)	5MHz	QPSK	43115	1RB#12	24.69	18.56	PASS
42(3550-3600)	5MHz	QPSK	43115	1RB#24	24.71	18.58	PASS
42(3550-3600)	5MHz	QPSK	43340	1RB#0	24.49	18.36	PASS
42(3550-3600)	5MHz	QPSK	43340	25RB#0	23.54	17.41	PASS
42(3550-3600)	5MHz	QPSK	43340	1RB#12	24.56	18.43	PASS
42(3550-3600)	5MHz	QPSK	43340	1RB#24	24.61	18.48	PASS
42(3550-3600)	5MHz	QPSK	43565	1RB#0	24.41	18.28	PASS
42(3550-3600)	5MHz	QPSK	43565	25RB#0	23.61	17.48	PASS
42(3550-3600)	5MHz	QPSK	43565	1RB#12	24.50	18.37	PASS
42(3550-3600)	5MHz	QPSK	43565	1RB#24	24.45	18.32	PASS
42(3550-3600)	5MHz	16QAM	43115	1RB#0	23.77	17.64	PASS
42(3550-3600)	5MHz	16QAM	43115	25RB#0	22.74	16.61	PASS
42(3550-3600)	5MHz	16QAM	43115	1RB#12	23.84	17.71	PASS
42(3550-3600)	5MHz	16QAM	43115	1RB#24	23.82	17.69	PASS
42(3550-3600)	5MHz	16QAM	43340	1RB#0	23.61	17.48	PASS
42(3550-3600)	5MHz	16QAM	43340	25RB#0	22.54	16.41	PASS
42(3550-3600)	5MHz	16QAM	43340	1RB#12	23.62	17.49	PASS
42(3550-3600)	5MHz	16QAM	43340	1RB#24	23.68	17.55	PASS
42(3550-3600)	5MHz	16QAM	43565	1RB#0	23.62	17.49	PASS
42(3550-3600)	5MHz	16QAM	43565	25RB#0	22.61	16.48	PASS
42(3550-3600)	5MHz	16QAM	43565	1RB#12	23.66	17.53	PASS
42(3550-3600)	5MHz	16QAM	43565	1RB#24	23.61	17.48	PASS
42(3550-3600)	5MHz	64QAM	43115	1RB#0	22.94	16.81	PASS
42(3550-3600)	5MHz	64QAM	43115	25RB#0	21.77	15.64	PASS
42(3550-3600)	5MHz	64QAM	43115	1RB#12	23.01	16.88	PASS
42(3550-3600)	5MHz	64QAM	43115	1RB#24	23.10	16.97	PASS
42(3550-3600)	5MHz	64QAM	43340	1RB#0	22.93	16.8	PASS
42(3550-3600)	5MHz	64QAM	43340	25RB#0	21.57	15.44	PASS
42(3550-3600)	5MHz	64QAM	43340	1RB#12	22.96	16.83	PASS
42(3550-3600)	5MHz	64QAM	43340	1RB#24	22.84	16.71	PASS
42(3550-3600)	5MHz	64QAM	43565	1RB#0	22.89	16.76	PASS
42(3550-3600)	5MHz	64QAM	43565	25RB#0	21.64	15.51	PASS
42(3550-3600)	5MHz	64QAM	43565	1RB#12	22.89	16.76	PASS
42(3550-3600)	5MHz	64QAM	43565	1RB#24	22.76	16.63	PASS

42(3550-3600)	5MHz	256QAM	43115	1RB#0	19.83	13.7	PASS
42(3550-3600)	5MHz	256QAM	43115	25RB#0	19.80	13.67	PASS
42(3550-3600)	5MHz	256QAM	43115	1RB#12	19.95	13.82	PASS
42(3550-3600)	5MHz	256QAM	43115	1RB#24	19.79	13.66	PASS
42(3550-3600)	5MHz	256QAM	43340	1RB#0	19.70	13.57	PASS
42(3550-3600)	5MHz	256QAM	43340	25RB#0	19.60	13.47	PASS
42(3550-3600)	5MHz	256QAM	43340	1RB#12	19.72	13.59	PASS
42(3550-3600)	5MHz	256QAM	43340	1RB#24	19.63	13.5	PASS
42(3550-3600)	5MHz	256QAM	43565	1RB#0	19.67	13.54	PASS
42(3550-3600)	5MHz	256QAM	43565	25RB#0	19.66	13.53	PASS
42(3550-3600)	5MHz	256QAM	43565	1RB#12	19.82	13.69	PASS
42(3550-3600)	5MHz	256QAM	43565	1RB#24	19.59	13.46	PASS
42(3550-3600)	10MHz	QPSK	43140	1RB#0	24.59	18.46	PASS
42(3550-3600)	10MHz	QPSK	43140	50RB#0	23.68	17.55	PASS
42(3550-3600)	10MHz	QPSK	43140	1RB#24	24.69	18.56	PASS
42(3550-3600)	10MHz	QPSK	43140	1RB#49	24.66	18.53	PASS
42(3550-3600)	10MHz	QPSK	43340	1RB#0	24.37	18.24	PASS
42(3550-3600)	10MHz	QPSK	43340	50RB#0	23.55	17.42	PASS
42(3550-3600)	10MHz	QPSK	43340	1RB#24	24.51	18.38	PASS
42(3550-3600)	10MHz	QPSK	43340	1RB#49	24.55	18.42	PASS
42(3550-3600)	10MHz	QPSK	43540	1RB#0	24.45	18.32	PASS
42(3550-3600)	10MHz	QPSK	43540	50RB#0	23.55	17.42	PASS
42(3550-3600)	10MHz	QPSK	43540	1RB#24	24.55	18.42	PASS
42(3550-3600)	10MHz	QPSK	43540	1RB#49	24.44	18.31	PASS
42(3550-3600)	10MHz	16QAM	43140	1RB#0	23.75	17.62	PASS
42(3550-3600)	10MHz	16QAM	43140	50RB#0	22.71	16.58	PASS
42(3550-3600)	10MHz	16QAM	43140	1RB#24	23.80	17.67	PASS
42(3550-3600)	10MHz	16QAM	43140	1RB#49	23.89	17.76	PASS
42(3550-3600)	10MHz	16QAM	43340	1RB#0	23.61	17.48	PASS
42(3550-3600)	10MHz	16QAM	43340	50RB#0	22.58	16.45	PASS
42(3550-3600)	10MHz	16QAM	43340	1RB#24	23.71	17.58	PASS
42(3550-3600)	10MHz	16QAM	43340	1RB#49	23.70	17.57	PASS
42(3550-3600)	10MHz	16QAM	43540	1RB#0	23.57	17.44	PASS
42(3550-3600)	10MHz	16QAM	43540	50RB#0	22.56	16.43	PASS
42(3550-3600)	10MHz	16QAM	43540	1RB#24	23.59	17.46	PASS
42(3550-3600)	10MHz	16QAM	43540	1RB#49	23.65	17.52	PASS
42(3550-3600)	10MHz	64QAM	43140	1RB#0	22.92	16.79	PASS
42(3550-3600)	10MHz	64QAM	43140	50RB#0	21.75	15.62	PASS
42(3550-3600)	10MHz	64QAM	43140	1RB#24	22.99	16.86	PASS
42(3550-3600)	10MHz	64QAM	43140	1RB#49	23.08	16.95	PASS
42(3550-3600)	10MHz	64QAM	43340	1RB#0	22.90	16.77	PASS
42(3550-3600)	10MHz	64QAM	43340	50RB#0	21.63	15.5	PASS
42(3550-3600)	10MHz	64QAM	43340	1RB#24	22.94	16.81	PASS
42(3550-3600)	10MHz	64QAM	43340	1RB#49	22.95	16.82	PASS
42(3550-3600)	10MHz	64QAM	43540	1RB#0	22.87	16.74	PASS

42(3550-3600)	10MHz	64QAM	43540	50RB#0	21.58	15.45	PASS
42(3550-3600)	10MHz	64QAM	43540	1RB#24	22.95	16.82	PASS
42(3550-3600)	10MHz	64QAM	43540	1RB#49	22.80	16.67	PASS
42(3550-3600)	10MHz	256QAM	43140	1RB#0	19.81	13.68	PASS
42(3550-3600)	10MHz	256QAM	43140	50RB#0	19.77	13.64	PASS
42(3550-3600)	10MHz	256QAM	43140	1RB#24	19.97	13.84	PASS
42(3550-3600)	10MHz	256QAM	43140	1RB#49	19.83	13.7	PASS
42(3550-3600)	10MHz	256QAM	43340	1RB#0	19.71	13.58	PASS
42(3550-3600)	10MHz	256QAM	43340	50RB#0	19.67	13.54	PASS
42(3550-3600)	10MHz	256QAM	43340	1RB#24	19.83	13.7	PASS
42(3550-3600)	10MHz	256QAM	43340	1RB#49	19.78	13.65	PASS
42(3550-3600)	10MHz	256QAM	43540	1RB#0	19.79	13.66	PASS
42(3550-3600)	10MHz	256QAM	43540	50RB#0	19.61	13.48	PASS
42(3550-3600)	10MHz	256QAM	43540	1RB#24	19.70	13.57	PASS
42(3550-3600)	10MHz	256QAM	43540	1RB#49	19.58	13.45	PASS
42(3550-3600)	15MHz	QPSK	43165	1RB#0	24.47	18.34	PASS
42(3550-3600)	15MHz	QPSK	43165	75RB#0	23.63	17.5	PASS
42(3550-3600)	15MHz	QPSK	43165	1RB#38	24.65	18.52	PASS
42(3550-3600)	15MHz	QPSK	43165	1RB#74	24.50	18.37	PASS
42(3550-3600)	15MHz	QPSK	43340	1RB#0	24.41	18.28	PASS
42(3550-3600)	15MHz	QPSK	43340	75RB#0	23.52	17.39	PASS
42(3550-3600)	15MHz	QPSK	43340	1RB#38	24.46	18.33	PASS
42(3550-3600)	15MHz	QPSK	43340	1RB#74	24.56	18.43	PASS
42(3550-3600)	15MHz	QPSK	43515	1RB#0	24.50	18.37	PASS
42(3550-3600)	15MHz	QPSK	43515	75RB#0	23.54	17.41	PASS
42(3550-3600)	15MHz	QPSK	43515	1RB#38	24.50	18.37	PASS
42(3550-3600)	15MHz	QPSK	43515	1RB#74	24.38	18.25	PASS
42(3550-3600)	15MHz	16QAM	43165	1RB#0	23.53	17.4	PASS
42(3550-3600)	15MHz	16QAM	43165	75RB#0	22.67	16.54	PASS
42(3550-3600)	15MHz	16QAM	43165	1RB#38	23.98	17.85	PASS
42(3550-3600)	15MHz	16QAM	43165	1RB#74	23.74	17.61	PASS
42(3550-3600)	15MHz	16QAM	43340	1RB#0	23.61	17.48	PASS
42(3550-3600)	15MHz	16QAM	43340	75RB#0	22.51	16.38	PASS
42(3550-3600)	15MHz	16QAM	43340	1RB#38	23.77	17.64	PASS
42(3550-3600)	15MHz	16QAM	43340	1RB#74	23.72	17.59	PASS
42(3550-3600)	15MHz	16QAM	43515	1RB#0	23.60	17.47	PASS
42(3550-3600)	15MHz	16QAM	43515	75RB#0	22.58	16.45	PASS
42(3550-3600)	15MHz	16QAM	43515	1RB#38	23.68	17.55	PASS
42(3550-3600)	15MHz	16QAM	43515	1RB#74	23.55	17.42	PASS
42(3550-3600)	15MHz	64QAM	43165	1RB#0	23.13	17	PASS
42(3550-3600)	15MHz	64QAM	43165	75RB#0	21.66	15.53	PASS
42(3550-3600)	15MHz	64QAM	43165	1RB#38	23.03	16.9	PASS
42(3550-3600)	15MHz	64QAM	43165	1RB#74	23.05	16.92	PASS
42(3550-3600)	15MHz	64QAM	43340	1RB#0	23.15	17.02	PASS
42(3550-3600)	15MHz	64QAM	43340	75RB#0	21.58	15.45	PASS

42(3550-3600)	15MHz	64QAM	43340	1RB#38	22.98	16.85	PASS
42(3550-3600)	15MHz	64QAM	43340	1RB#74	22.92	16.79	PASS
42(3550-3600)	15MHz	64QAM	43515	1RB#0	23.14	17.01	PASS
42(3550-3600)	15MHz	64QAM	43515	75RB#0	21.57	15.44	PASS
42(3550-3600)	15MHz	64QAM	43515	1RB#38	22.88	16.75	PASS
42(3550-3600)	15MHz	64QAM	43515	1RB#74	22.81	16.68	PASS
42(3550-3600)	15MHz	256QAM	43165	1RB#0	19.81	13.68	PASS
42(3550-3600)	15MHz	256QAM	43165	75RB#0	19.73	13.6	PASS
42(3550-3600)	15MHz	256QAM	43165	1RB#38	19.88	13.75	PASS
42(3550-3600)	15MHz	256QAM	43165	1RB#74	19.74	13.61	PASS
42(3550-3600)	15MHz	256QAM	43340	1RB#0	19.69	13.56	PASS
42(3550-3600)	15MHz	256QAM	43340	75RB#0	19.57	13.44	PASS
42(3550-3600)	15MHz	256QAM	43340	1RB#38	19.84	13.71	PASS
42(3550-3600)	15MHz	256QAM	43340	1RB#74	19.76	13.63	PASS
42(3550-3600)	15MHz	256QAM	43515	1RB#0	19.67	13.54	PASS
42(3550-3600)	15MHz	256QAM	43515	75RB#0	19.65	13.52	PASS
42(3550-3600)	15MHz	256QAM	43515	1RB#38	19.71	13.58	PASS
42(3550-3600)	15MHz	256QAM	43515	1RB#74	19.69	13.56	PASS
42(3550-3600)	20MHz	QPSK	43190	1RB#0	24.50	18.37	PASS
42(3550-3600)	20MHz	QPSK	43190	100RB#0	23.68	17.55	PASS
42(3550-3600)	20MHz	QPSK	43190	1RB#49	24.72	18.59	PASS
42(3550-3600)	20MHz	QPSK	43190	1RB#99	24.53	18.4	PASS
42(3550-3600)	20MHz	QPSK	43340	1RB#0	24.45	18.32	PASS
42(3550-3600)	20MHz	QPSK	43340	100RB#0	23.55	17.42	PASS
42(3550-3600)	20MHz	QPSK	43340	1RB#49	24.57	18.44	PASS
42(3550-3600)	20MHz	QPSK	43340	1RB#99	24.60	18.47	PASS
42(3550-3600)	20MHz	QPSK	43490	1RB#0	24.43	18.3	PASS
42(3550-3600)	20MHz	QPSK	43490	100RB#0	23.62	17.49	PASS
42(3550-3600)	20MHz	QPSK	43490	1RB#49	24.57	18.44	PASS
42(3550-3600)	20MHz	QPSK	43490	1RB#99	24.46	18.33	PASS
42(3550-3600)	20MHz	16QAM	43190	1RB#0	23.73	17.6	PASS
42(3550-3600)	20MHz	16QAM	43190	100RB#0	22.67	16.54	PASS
42(3550-3600)	20MHz	16QAM	43190	1RB#49	23.76	17.63	PASS
42(3550-3600)	20MHz	16QAM	43190	1RB#99	23.84	17.71	PASS
42(3550-3600)	20MHz	16QAM	43340	1RB#0	23.53	17.4	PASS
42(3550-3600)	20MHz	16QAM	43340	100RB#0	22.58	16.45	PASS
42(3550-3600)	20MHz	16QAM	43340	1RB#49	23.65	17.52	PASS
42(3550-3600)	20MHz	16QAM	43340	1RB#99	23.72	17.59	PASS
42(3550-3600)	20MHz	16QAM	43490	1RB#0	23.64	17.51	PASS
42(3550-3600)	20MHz	16QAM	43490	100RB#0	22.61	16.48	PASS
42(3550-3600)	20MHz	16QAM	43490	1RB#49	23.78	17.65	PASS
42(3550-3600)	20MHz	16QAM	43490	1RB#99	23.56	17.43	PASS
42(3550-3600)	20MHz	64QAM	43190	1RB#0	22.97	16.84	PASS
42(3550-3600)	20MHz	64QAM	43190	100RB#0	21.70	15.57	PASS
42(3550-3600)	20MHz	64QAM	43190	1RB#49	23.06	16.93	PASS

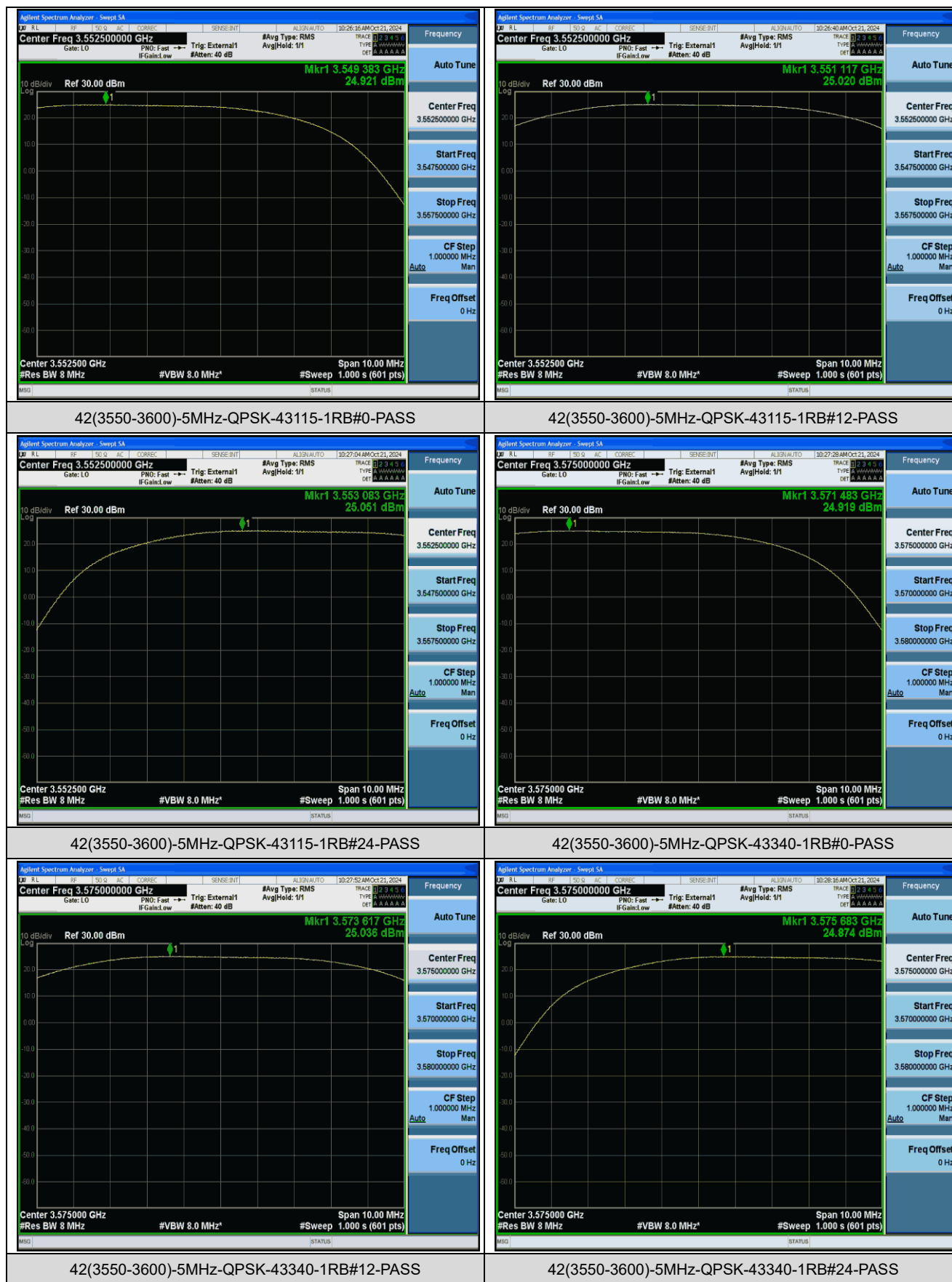
42(3550-3600)	20MHz	64QAM	43190	1RB#99	22.99	16.86	PASS
42(3550-3600)	20MHz	64QAM	43340	1RB#0	22.89	16.76	PASS
42(3550-3600)	20MHz	64QAM	43340	100RB#0	21.58	15.45	PASS
42(3550-3600)	20MHz	64QAM	43340	1RB#49	23.01	16.88	PASS
42(3550-3600)	20MHz	64QAM	43340	1RB#99	23.09	16.96	PASS
42(3550-3600)	20MHz	64QAM	43490	1RB#0	22.89	16.76	PASS
42(3550-3600)	20MHz	64QAM	43490	100RB#0	21.64	15.51	PASS
42(3550-3600)	20MHz	64QAM	43490	1RB#49	23.00	16.87	PASS
42(3550-3600)	20MHz	64QAM	43490	1RB#99	22.92	16.79	PASS
42(3550-3600)	20MHz	256QAM	43190	1RB#0	19.68	13.55	PASS
42(3550-3600)	20MHz	256QAM	43190	100RB#0	19.77	13.64	PASS
42(3550-3600)	20MHz	256QAM	43190	1RB#49	20.05	13.92	PASS
42(3550-3600)	20MHz	256QAM	43190	1RB#99	19.65	13.52	PASS
42(3550-3600)	20MHz	256QAM	43340	1RB#0	19.66	13.53	PASS
42(3550-3600)	20MHz	256QAM	43340	100RB#0	19.59	13.46	PASS
42(3550-3600)	20MHz	256QAM	43340	1RB#49	19.77	13.64	PASS
42(3550-3600)	20MHz	256QAM	43340	1RB#99	19.70	13.57	PASS
42(3550-3600)	20MHz	256QAM	43490	1RB#0	19.67	13.54	PASS
42(3550-3600)	20MHz	256QAM	43490	100RB#0	19.65	13.52	PASS
42(3550-3600)	20MHz	256QAM	43490	1RB#49	19.81	13.68	PASS
42(3550-3600)	20MHz	256QAM	43490	1RB#99	19.60	13.47	PASS

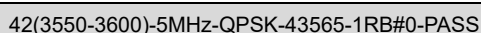
Maximum_power_spectral_density

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result (dBm/10MHz)	EIRP (dBm/10MHz)	Limit (dBm/10MHz)	Verdict
42(3550-3600)	5MHz	QPSK	43115	1RB#0	24.92	18.79	23	PASS
42(3550-3600)	5MHz	QPSK	43115	1RB#12	25.02	18.89	23	PASS
42(3550-3600)	5MHz	QPSK	43115	1RB#24	25.05	18.92	23	PASS
42(3550-3600)	5MHz	QPSK	43340	1RB#0	24.92	18.79	23	PASS
42(3550-3600)	5MHz	QPSK	43340	1RB#12	25.04	18.91	23	PASS
42(3550-3600)	5MHz	QPSK	43340	1RB#24	24.87	18.74	23	PASS
42(3550-3600)	5MHz	QPSK	43565	1RB#0	24.72	18.59	23	PASS
42(3550-3600)	5MHz	QPSK	43565	1RB#12	24.71	18.58	23	PASS
42(3550-3600)	5MHz	QPSK	43565	1RB#24	24.69	18.56	23	PASS
42(3550-3600)	10MHz	QPSK	43140	1RB#0	24.92	18.79	23	PASS
42(3550-3600)	10MHz	QPSK	43140	1RB#24	25.11	18.98	23	PASS
42(3550-3600)	10MHz	QPSK	43140	1RB#49	25.02	18.89	23	PASS
42(3550-3600)	10MHz	QPSK	43340	1RB#0	25.04	18.91	23	PASS
42(3550-3600)	10MHz	QPSK	43340	1RB#24	25.07	18.94	23	PASS
42(3550-3600)	10MHz	QPSK	43340	1RB#49	24.93	18.8	23	PASS
42(3550-3600)	10MHz	QPSK	43540	1RB#0	24.55	18.42	23	PASS
42(3550-3600)	10MHz	QPSK	43540	1RB#24	24.56	18.43	23	PASS
42(3550-3600)	10MHz	QPSK	43540	1RB#49	24.46	18.33	23	PASS
42(3550-3600)	15MHz	QPSK	43165	1RB#0	25.03	18.9	23	PASS
42(3550-3600)	15MHz	QPSK	43165	1RB#38	25.02	18.89	23	PASS
42(3550-3600)	15MHz	QPSK	43165	1RB#74	25.03	18.9	23	PASS
42(3550-3600)	15MHz	QPSK	43340	1RB#0	25.00	18.87	23	PASS
42(3550-3600)	15MHz	QPSK	43340	1RB#38	24.98	18.85	23	PASS
42(3550-3600)	15MHz	QPSK	43340	1RB#74	24.90	18.77	23	PASS
42(3550-3600)	15MHz	QPSK	43515	1RB#0	24.57	18.44	23	PASS
42(3550-3600)	15MHz	QPSK	43515	1RB#38	24.51	18.38	23	PASS
42(3550-3600)	15MHz	QPSK	43515	1RB#74	24.46	18.33	23	PASS
42(3550-3600)	20MHz	QPSK	43190	1RB#0	25.17	19.04	23	PASS
42(3550-3600)	20MHz	QPSK	43190	1RB#49	25.16	19.03	23	PASS
42(3550-3600)	20MHz	QPSK	43190	1RB#99	25.29	19.16	23	PASS
42(3550-3600)	20MHz	QPSK	43340	1RB#0	25.09	18.96	23	PASS
42(3550-3600)	20MHz	QPSK	43340	1RB#49	25.00	18.87	23	PASS
42(3550-3600)	20MHz	QPSK	43340	1RB#99	24.98	18.85	23	PASS
42(3550-3600)	20MHz	QPSK	43490	1RB#0	24.63	18.5	23	PASS
42(3550-3600)	20MHz	QPSK	43490	1RB#49	24.63	18.5	23	PASS
42(3550-3600)	20MHz	QPSK	43490	1RB#99	24.64	18.51	23	PASS

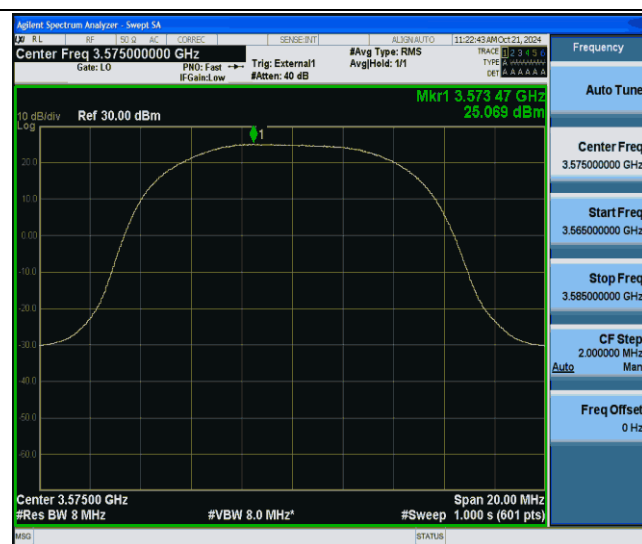
Test Graphs







42(3550-3600)-10MHz-QPSK-43340-1RB#0-PASS



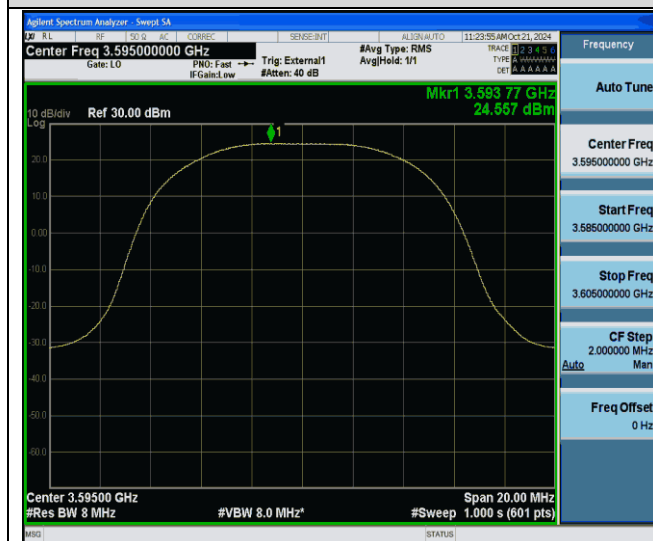
42(3550-3600)-10MHz-QPSK-43340-1RB#24-PASS



42(3550-3600)-10MHz-QPSK-43340-1RB#49-PASS



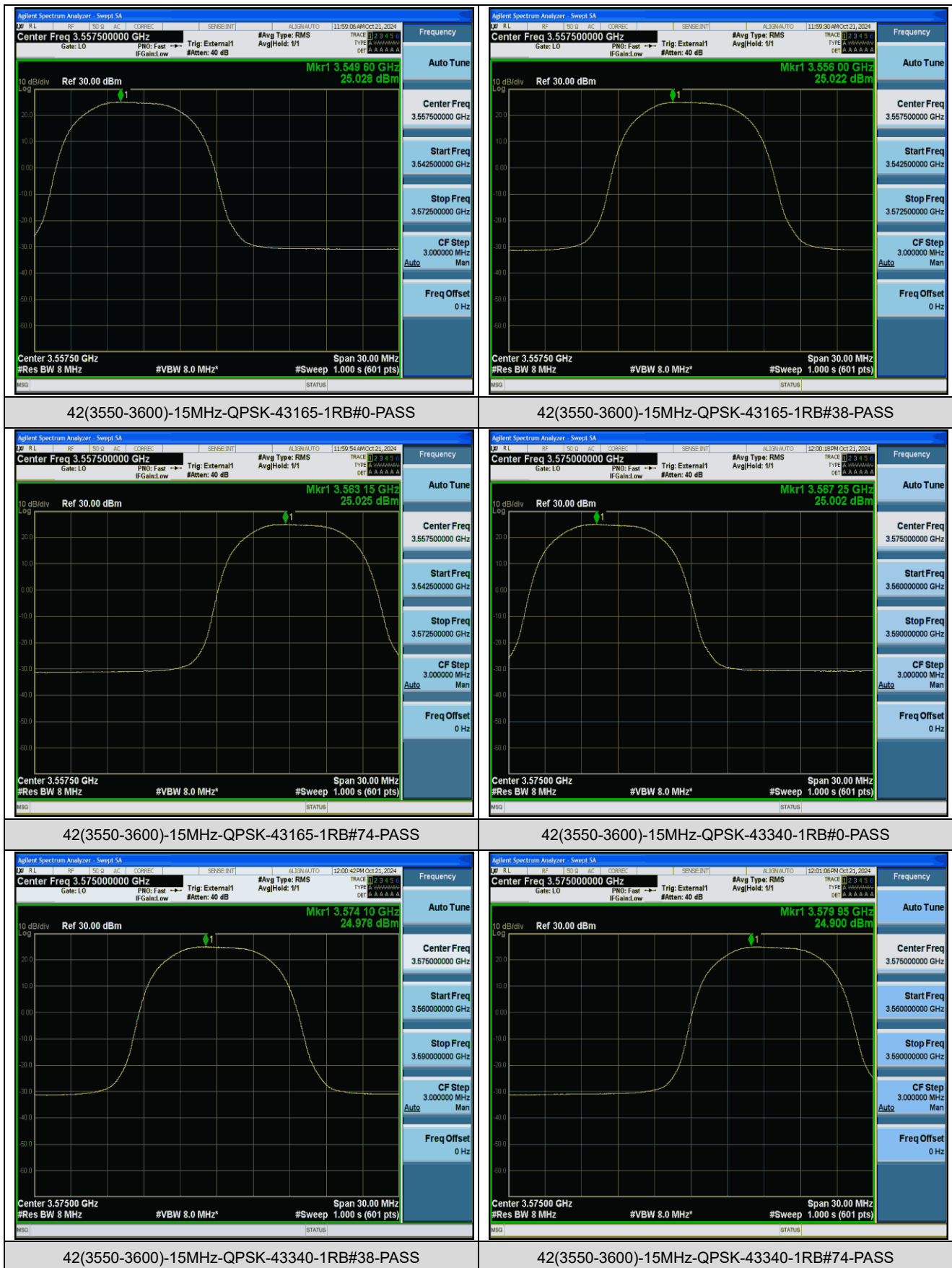
42(3550-3600)-10MHz-QPSK-43540-1RB#0-PASS

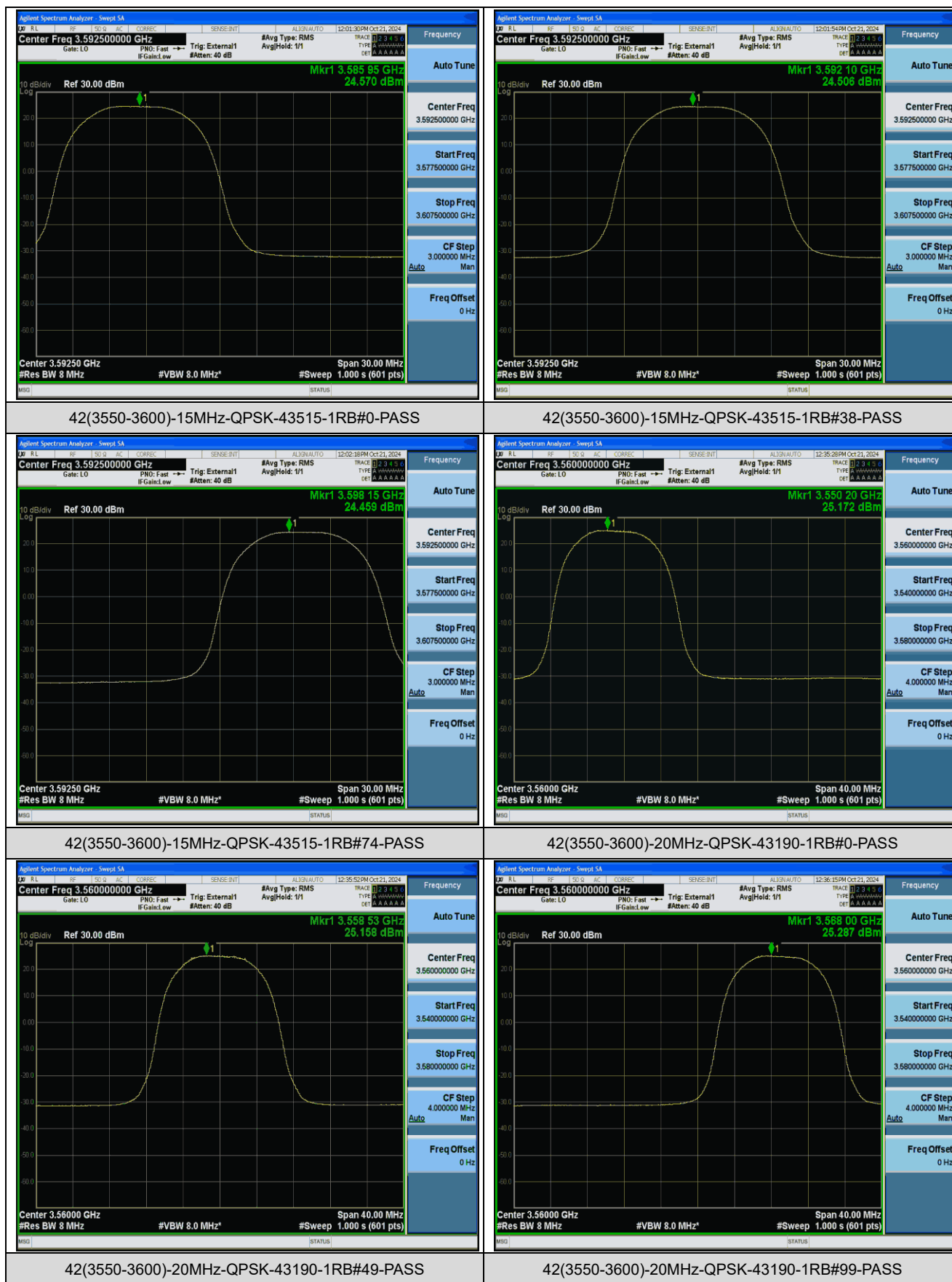


42(3550-3600)-10MHz-QPSK-43540-1RB#24-PASS



42(3550-3600)-10MHz-QPSK-43540-1RB#49-PASS



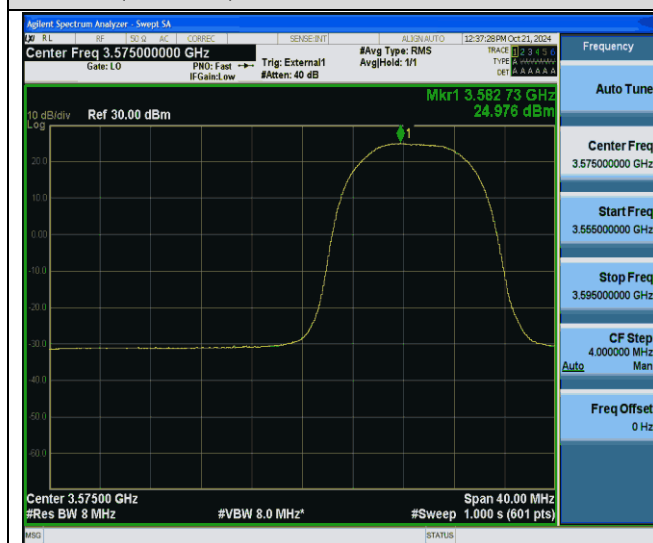




42(3550-3600)-20MHz-QPSK-43340-1RB#0-PASS



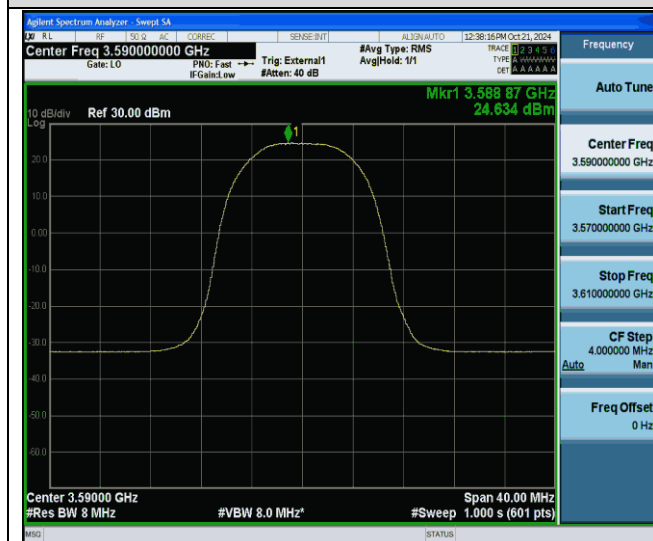
42(3550-3600)-20MHz-QPSK-43340-1RB#49-PASS



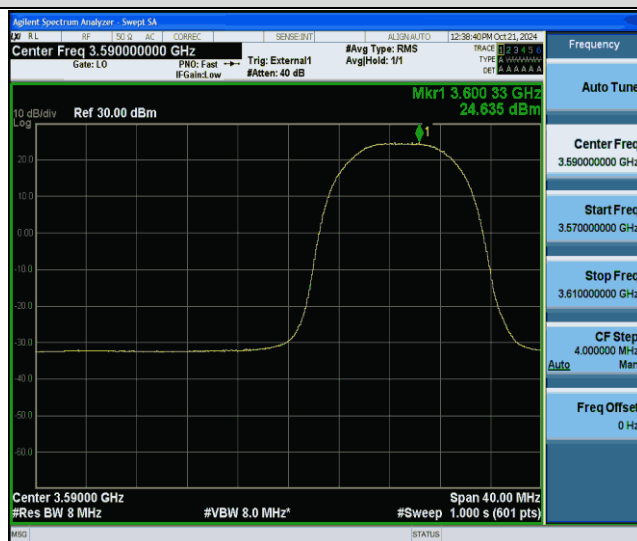
42(3550-3600)-20MHz-QPSK-43340-1RB#99-PASS



42(3550-3600)-20MHz-QPSK-43490-1RB#0-PASS



42(3550-3600)-20MHz-QPSK-43490-1RB#49-PASS



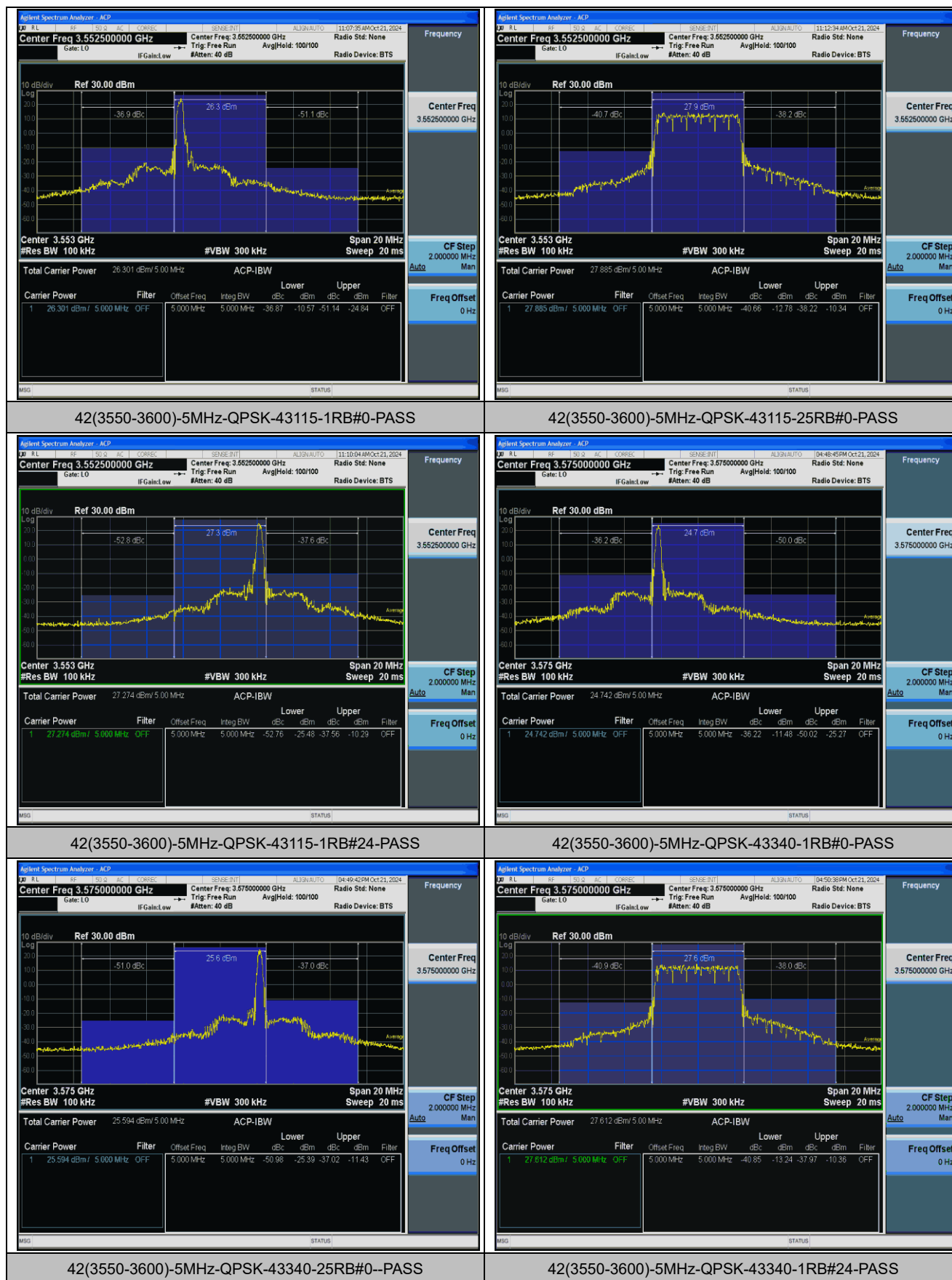
42(3550-3600)-20MHz-QPSK-43490-1RB#99-PASS

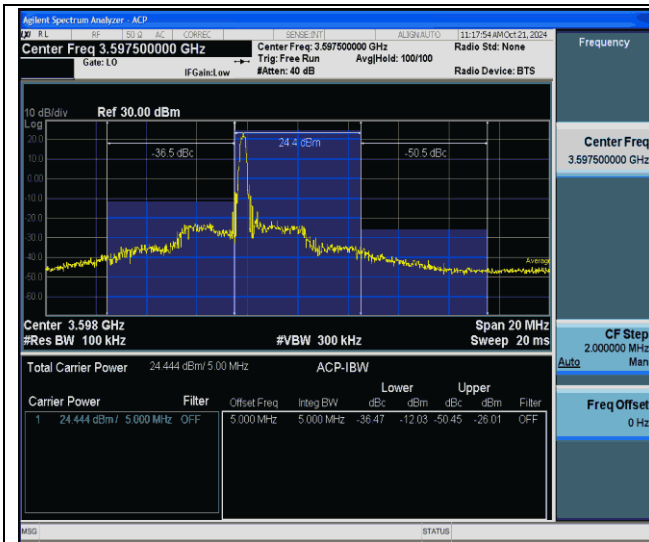
Adjacent Channel Leakage Ratio

Test Result

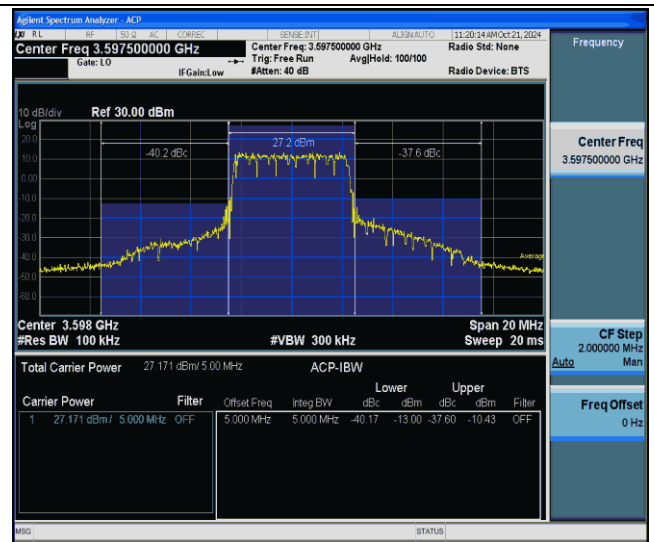
Band	Bandwidth	Modulation	Channel	RB Configuration	ACLR_Lower (dBm)	ACLR_Upper (dBm)	ACLR_Limit (dBm)	Verdict
42(3550-3600)	5MHz	QPSK	43115	1RB#0	36.87	51.14	≥30	PASS
42(3550-3600)	5MHz	QPSK	43115	25RB#0	40.66	38.22	≥30	PASS
42(3550-3600)	5MHz	QPSK	43115	1RB#24	52.76	37.56	≥30	PASS
42(3550-3600)	5MHz	QPSK	43340	1RB#0	36.22	50.02	≥30	PASS
42(3550-3600)	5MHz	QPSK	43340	25RB#0	40.85	37.97	≥30	PASS
42(3550-3600)	5MHz	QPSK	43340	1RB#24	50.98	37.02	≥30	PASS
42(3550-3600)	5MHz	QPSK	43565	1RB#0	36.47	50.45	≥30	PASS
42(3550-3600)	5MHz	QPSK	43565	25RB#0	40.17	37.6	≥30	PASS
42(3550-3600)	5MHz	QPSK	43565	1RB#24	51.48	37.06	≥30	PASS
42(3550-3600)	10MHz	QPSK	43140	1RB#0	37.36	51.46	≥30	PASS
42(3550-3600)	10MHz	QPSK	43140	50RB#0	41.32	40.34	≥30	PASS
42(3550-3600)	10MHz	QPSK	43140	1RB#49	51.8	37.19	≥30	PASS
42(3550-3600)	10MHz	QPSK	43340	1RB#0	37.22	51.23	≥30	PASS
42(3550-3600)	10MHz	QPSK	43340	50RB#0	40.94	40.4	≥30	PASS
42(3550-3600)	10MHz	QPSK	43340	1RB#49	51.7	37.15	≥30	PASS
42(3550-3600)	10MHz	QPSK	43540	1RB#0	37.29	52.24	≥30	PASS
42(3550-3600)	10MHz	QPSK	43540	50RB#0	40.35	39.76	≥30	PASS
42(3550-3600)	10MHz	QPSK	43540	1RB#49	52.18	37.41	≥30	PASS
42(3550-3600)	15MHz	QPSK	43165	1RB#0	37.85	49.46	≥30	PASS
42(3550-3600)	15MHz	QPSK	43165	75RB#0	41.7	42.23	≥30	PASS
42(3550-3600)	15MHz	QPSK	43165	1RB#74	50.11	37.59	≥30	PASS
42(3550-3600)	15MHz	QPSK	43340	1RB#0	38.24	50.74	≥30	PASS
42(3550-3600)	15MHz	QPSK	43340	75RB#0	41.3	42.08	≥30	PASS
42(3550-3600)	15MHz	QPSK	43340	1RB#74	50.52	37.4	≥30	PASS
42(3550-3600)	15MHz	QPSK	43515	1RB#0	37.65	50.37	≥30	PASS
42(3550-3600)	15MHz	QPSK	43515	75RB#0	40.57	42	≥30	PASS
42(3550-3600)	15MHz	QPSK	43515	1RB#74	50.2	37.5	≥30	PASS
42(3550-3600)	20MHz	QPSK	43190	1RB#0	37.7	48.45	≥30	PASS
42(3550-3600)	20MHz	QPSK	43190	100RB#0	40.23	42.76	≥30	PASS
42(3550-3600)	20MHz	QPSK	43190	1RB#99	47.85	37.07	≥30	PASS
42(3550-3600)	20MHz	QPSK	43340	1RB#0	37.48	49.73	≥30	PASS
42(3550-3600)	20MHz	QPSK	43340	100RB#0	39.96	42.65	≥30	PASS
42(3550-3600)	20MHz	QPSK	43340	1RB#99	48.86	37.43	≥30	PASS
42(3550-3600)	20MHz	QPSK	43490	1RB#0	37.47	49.68	≥30	PASS
42(3550-3600)	20MHz	QPSK	43490	100RB#0	39.48	42.45	≥30	PASS
42(3550-3600)	20MHz	QPSK	43490	1RB#99	48.39	37.13	≥30	PASS

Test Graphs

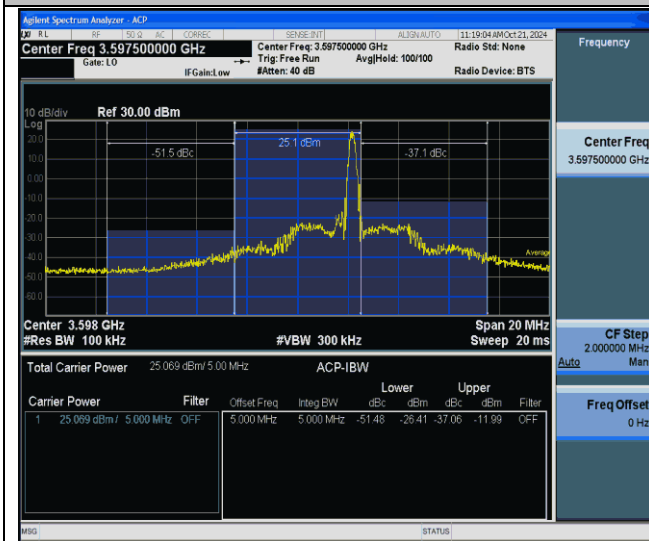




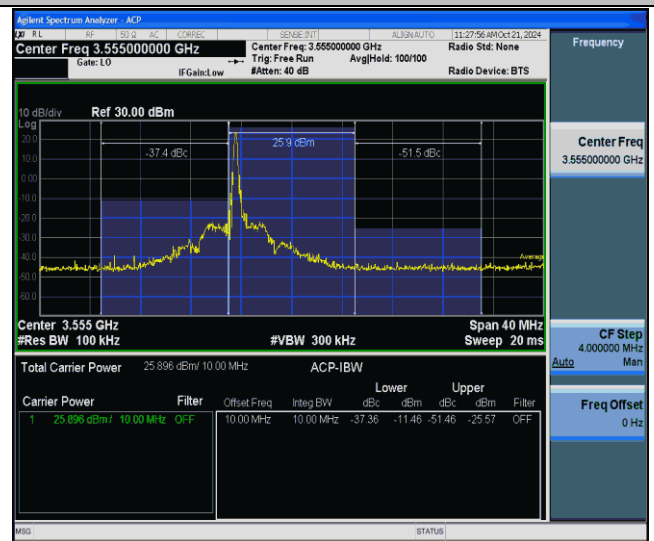
42(3550-3600)-5MHz-QPSK-43565-1RB#0-PASS



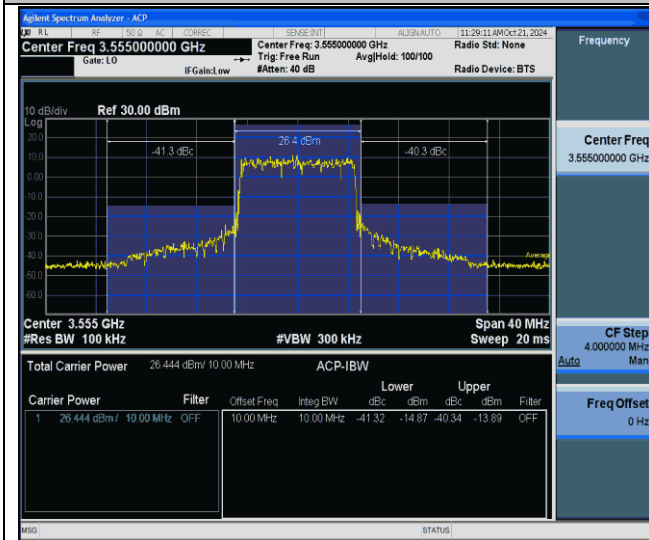
42(3550-3600)-5MHz-QPSK-43565-25RB#0-PASS



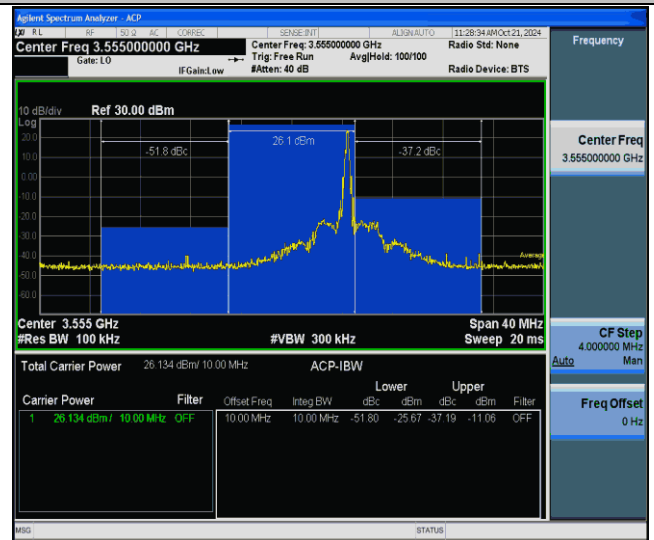
42(3550-3600)-5MHz-QPSK-43565-1RB#24-PASS



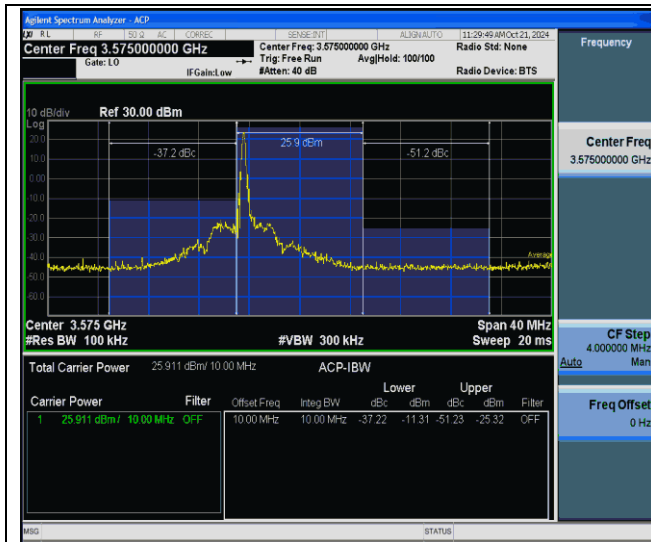
42(3550-3600)-10MHz-QPSK-43140-1RB#0-PASS



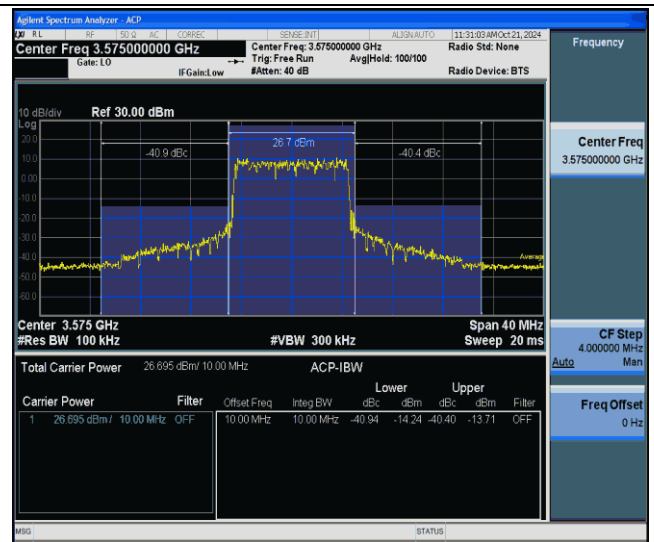
42(3550-3600)-10MHz-QPSK-43140-50RB#0-PASS



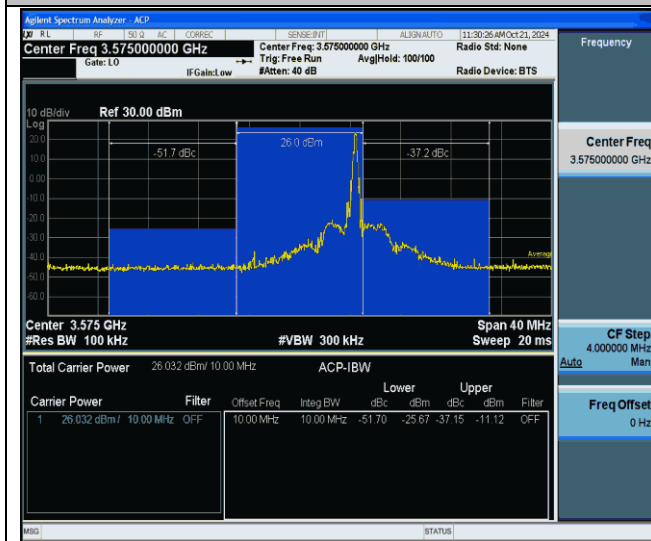
42(3550-3600)-10MHz-QPSK-43140-1RB#49-PASS



42(3550-3600)-10MHz-QPSK-43340-1RB#0-PASS



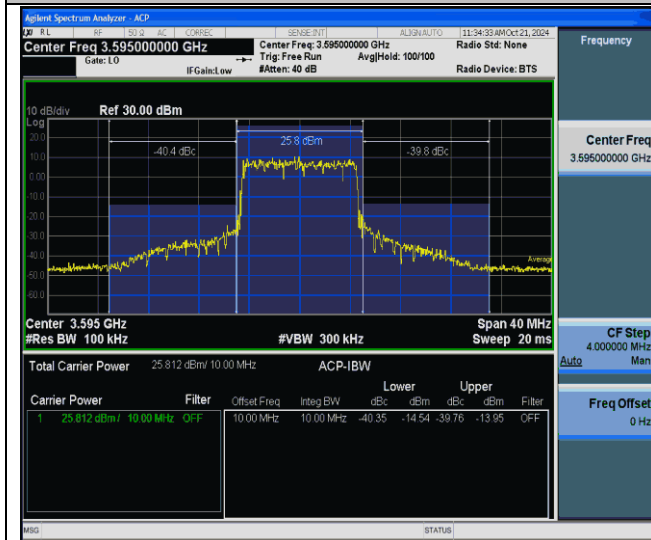
42(3550-3600)-10MHz-QPSK-43340-50RB#0-PASS



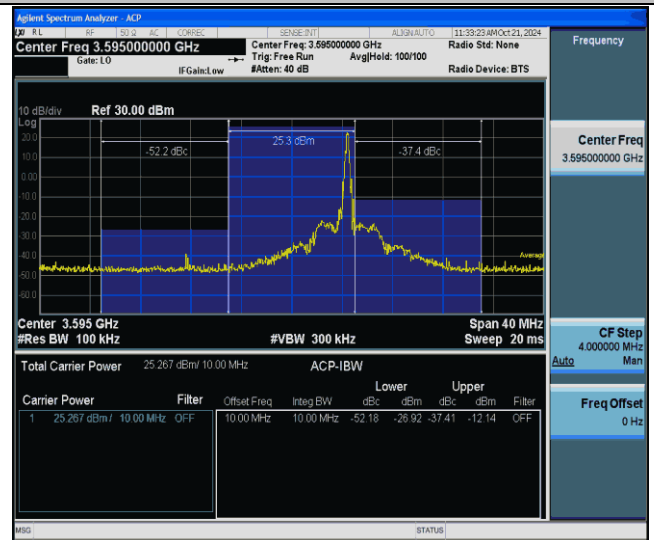
42(3550-3600)-10MHz-QPSK-43340-1RB#49-PASS



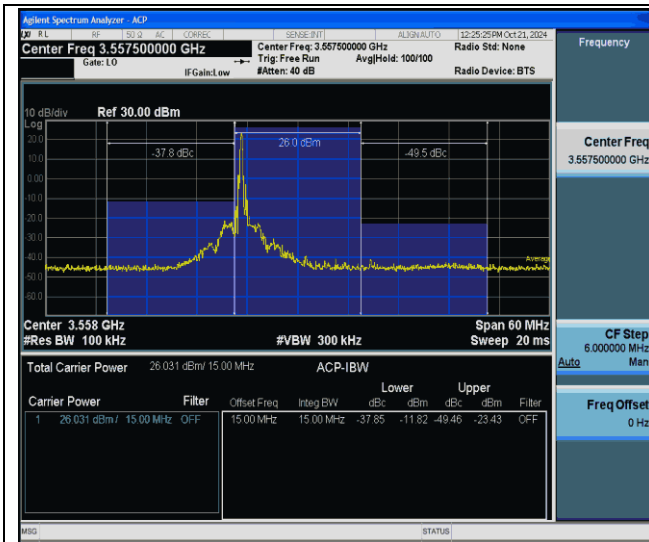
42(3550-3600)-10MHz-QPSK-43540-1RB#0-PASS



42(3550-3600)-10MHz-QPSK-43540-50RB#0-PASS



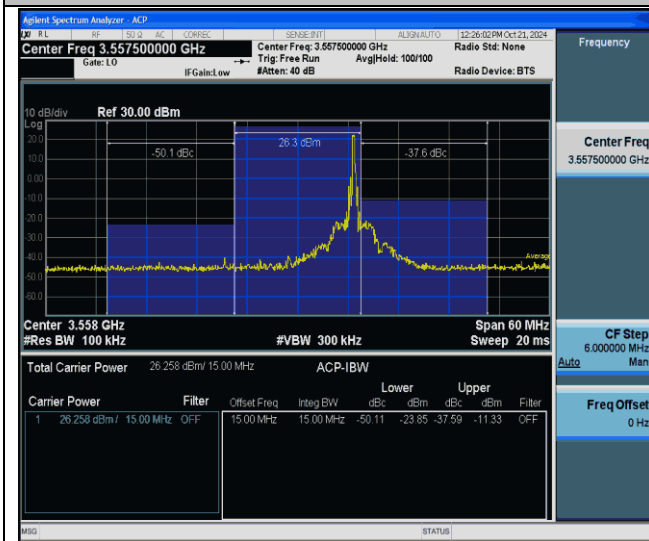
42(3550-3600)-10MHz-QPSK-43540-1RB#49-PASS



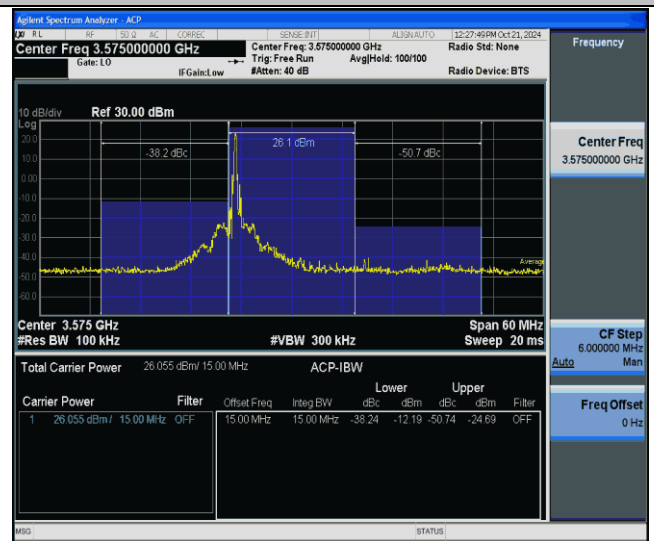
42(3550-3600)-15MHz-QPSK-43165-1RB#0-PASS



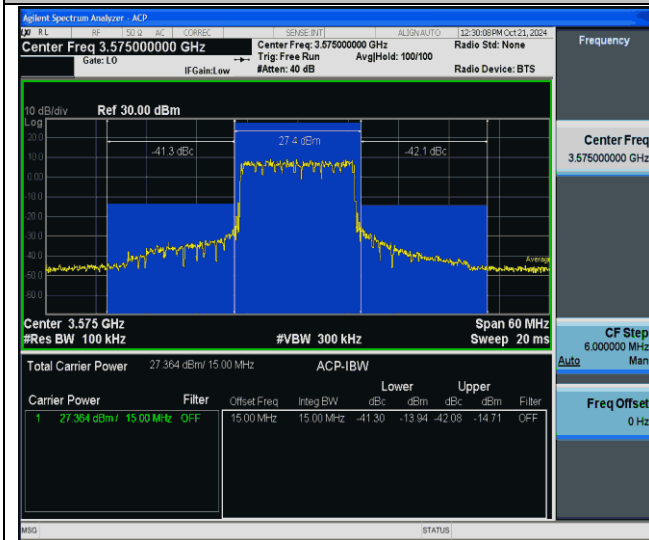
42(3550-3600)-15MHz-QPSK-43165-75RB#0-PASS



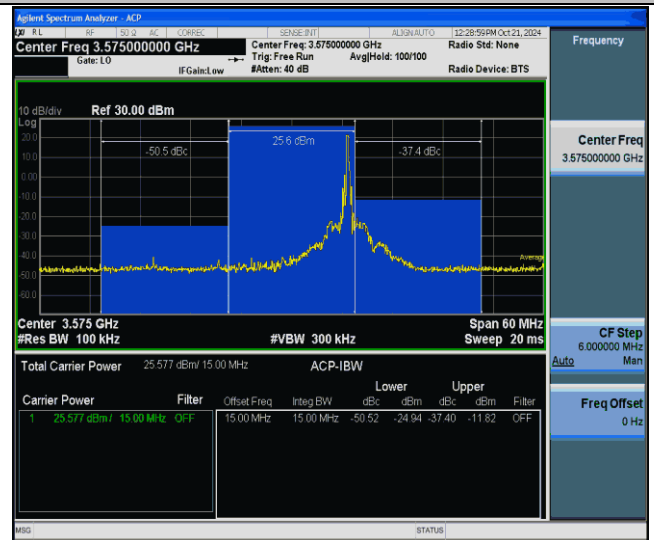
42(3550-3600)-15MHz-QPSK-43165-1RB#74-PASS



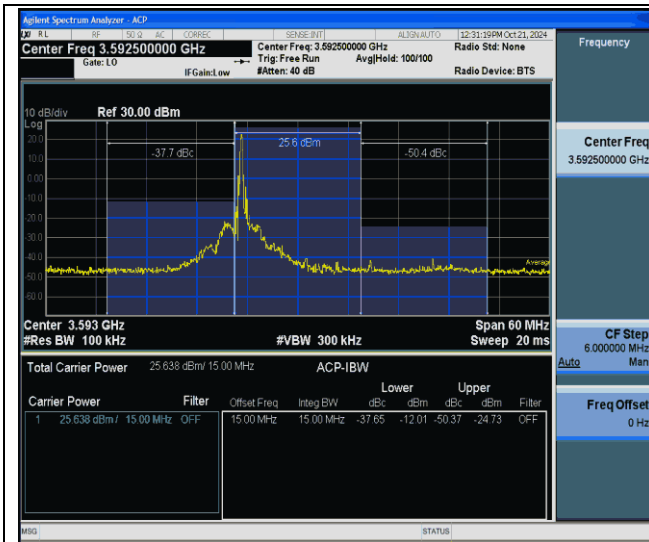
42(3550-3600)-15MHz-QPSK-43340-1RB#0-PASS



42(3550-3600)-15MHz-QPSK-43340-75RB#0-PASS



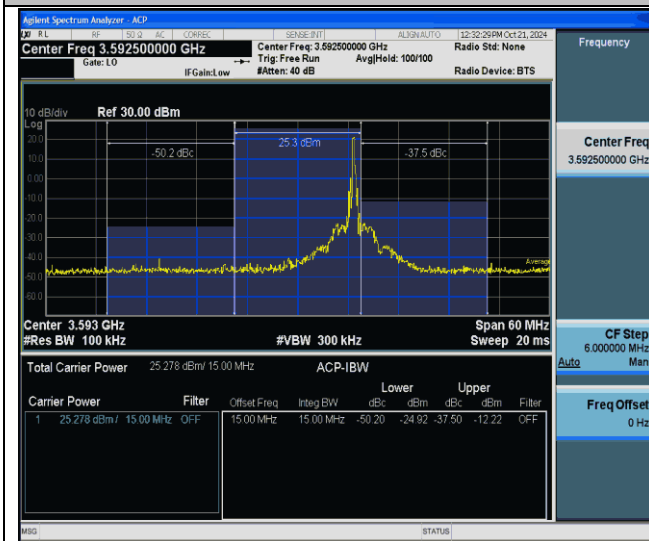
42(3550-3600)-15MHz-QPSK-43340-1RB#74-PASS



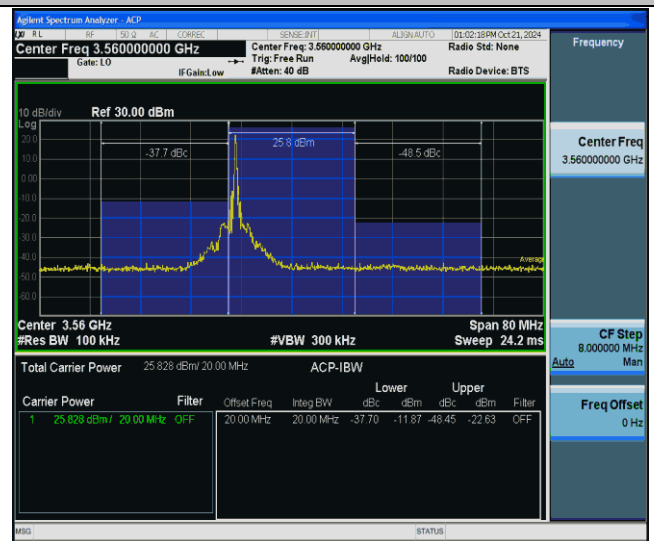
42(3550-3600)-15MHz-QPSK-43515-1RB#0-PASS



42(3550-3600)-15MHz-QPSK-43515-75RB#0-PASS



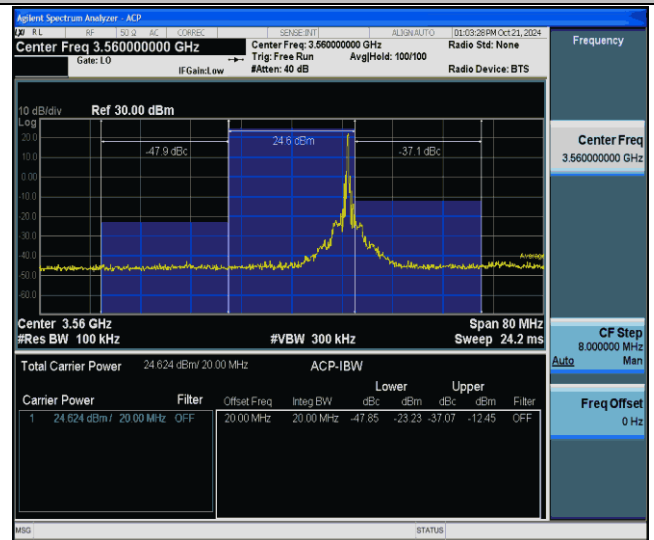
42(3550-3600)-15MHz-QPSK-43515-1RB#74-PASS



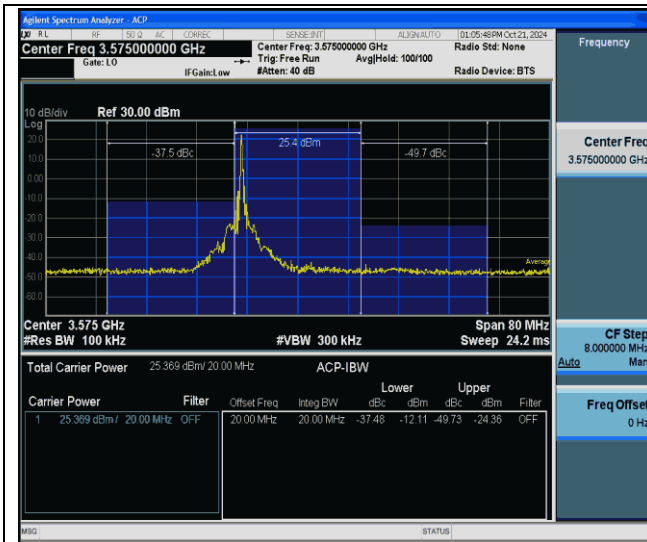
42(3550-3600)-20MHz-QPSK-43190-1RB#0-PASS



42(3550-3600)-20MHz-QPSK-43190-100RB#0-PASS



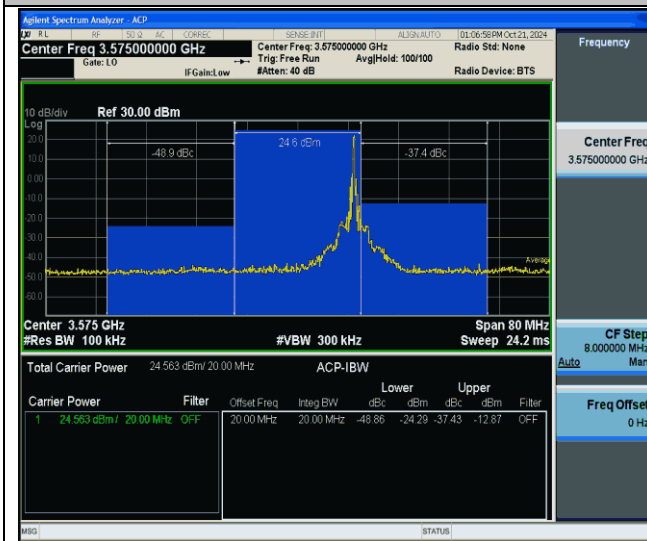
42(3550-3600)-20MHz-QPSK-43190-1RB#99-PASS



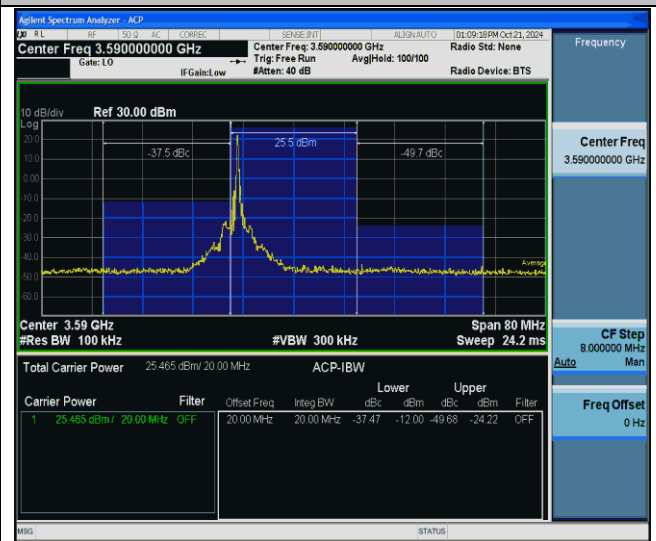
42(3550-3600)-20MHz-QPSK-43340-1RB#0-PASS



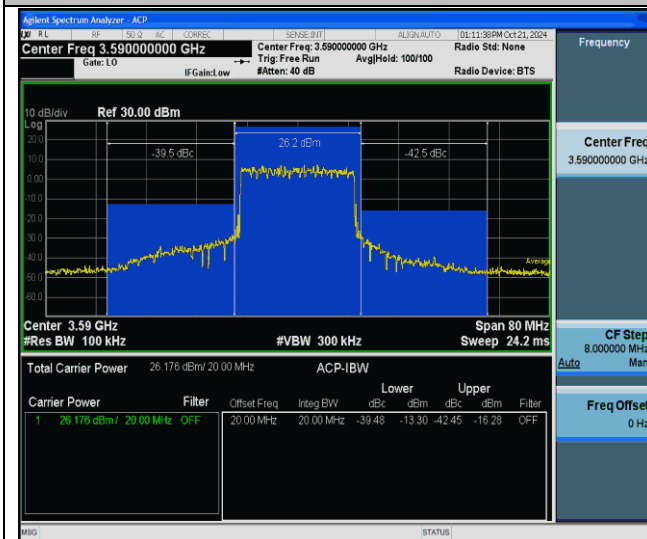
42(3550-3600)-20MHz-QPSK-43340-100RB#0-PASS



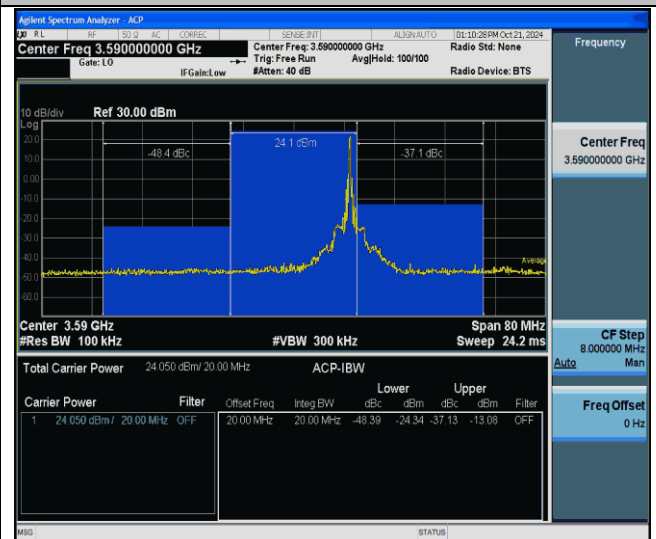
42(3550-3600)-20MHz-QPSK-43340-1RB#99-PASS



42(3550-3600)-20MHz-QPSK-43490-1RB#0-PASS



42(3550-3600)-20MHz-QPSK-43490-100RB#0-PASS



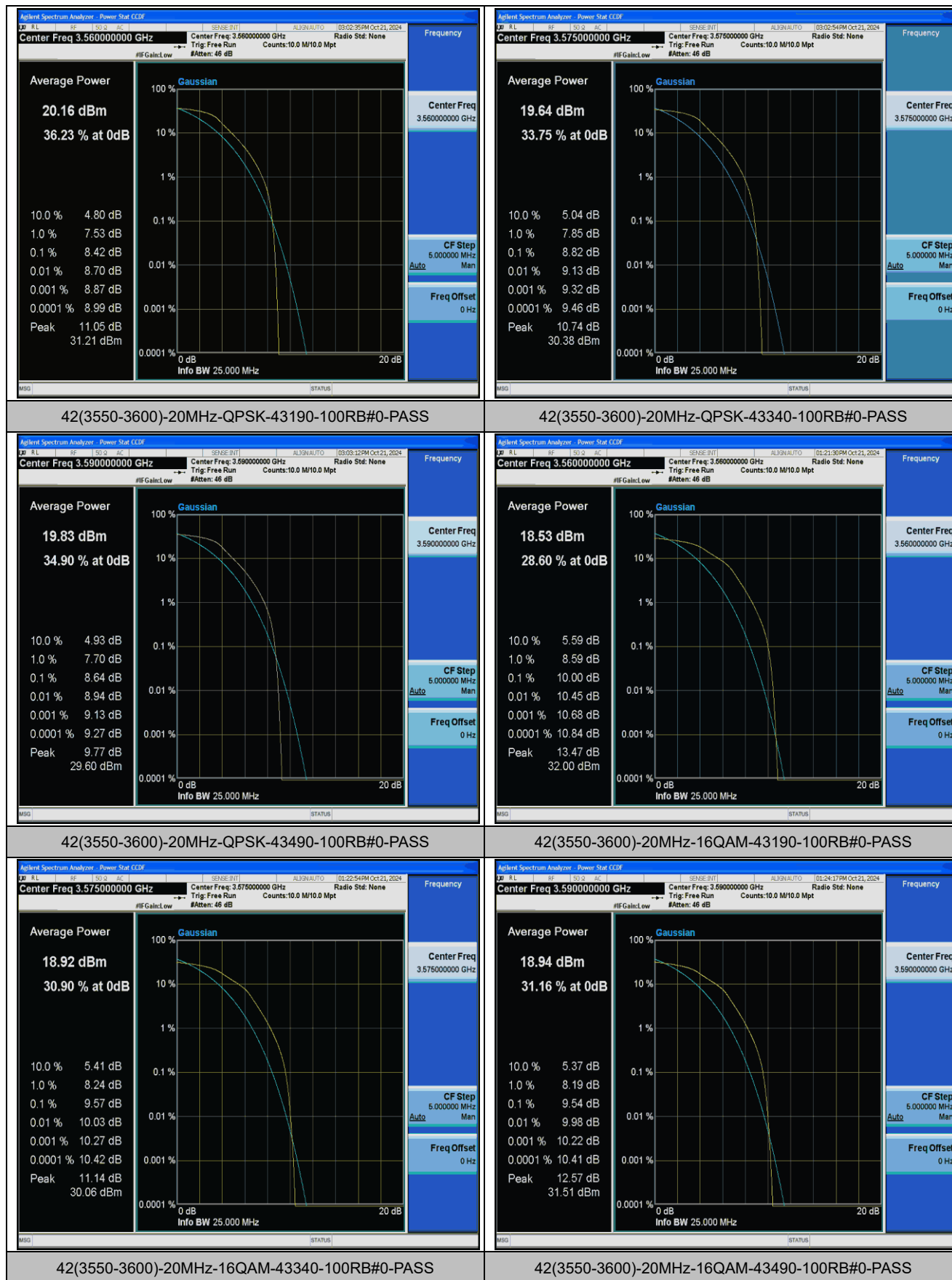
42(3550-3600)-20MHz-QPSK-43490-1RB#99-PASS

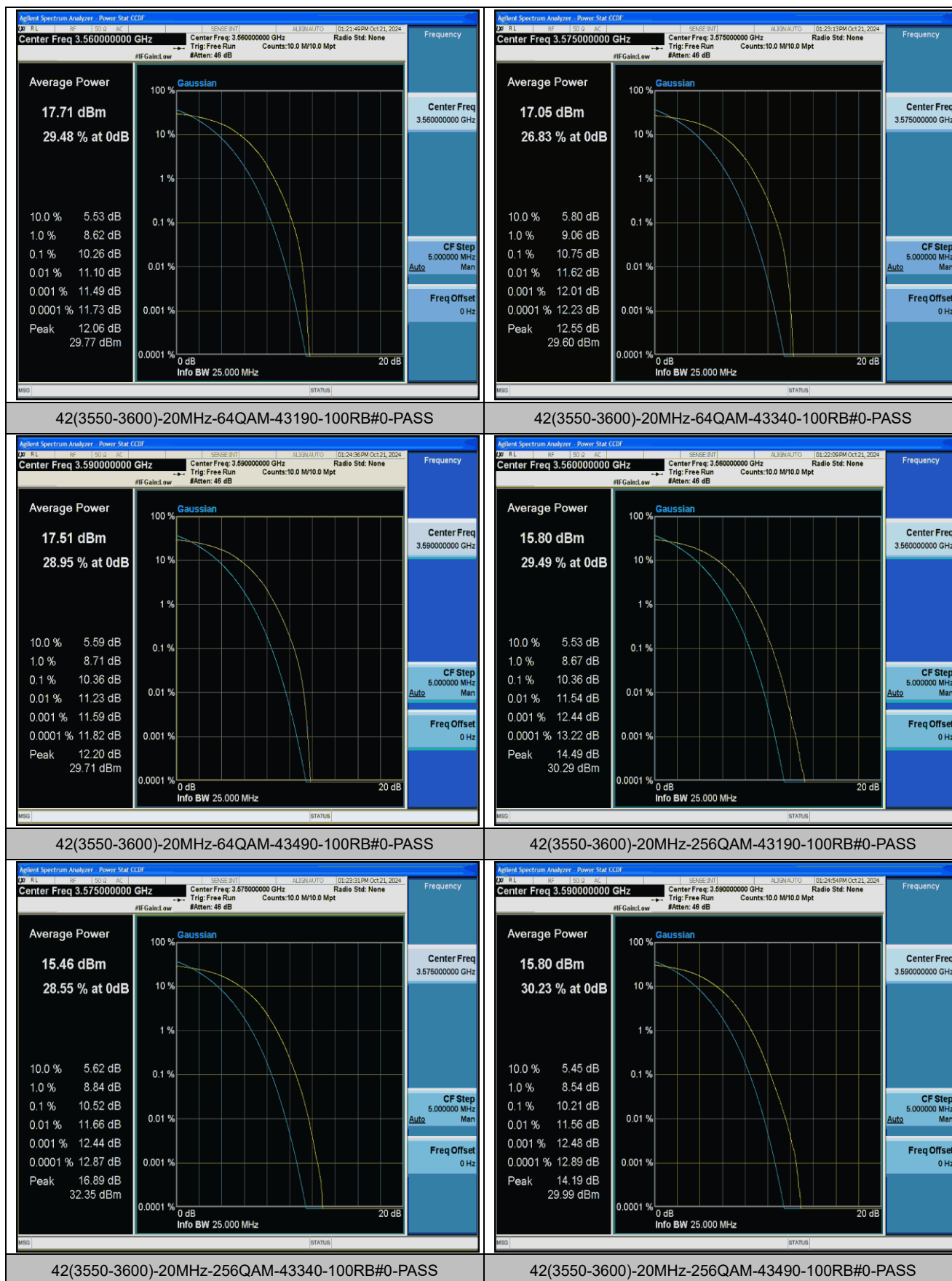
Peak-to-Average Ratio(CCDF)

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result (dB)	Limit (dB)	Verdict
42(3550-3600)	20MHz	QPSK	43190	100RB#0	8.42	13	PASS
42(3550-3600)	20MHz	QPSK	43340	100RB#0	8.82	13	PASS
42(3550-3600)	20MHz	QPSK	43490	100RB#0	8.64	13	PASS
42(3550-3600)	20MHz	16QAM	43190	100RB#0	10.00	13	PASS
42(3550-3600)	20MHz	16QAM	43340	100RB#0	9.57	13	PASS
42(3550-3600)	20MHz	16QAM	43490	100RB#0	9.54	13	PASS
42(3550-3600)	20MHz	64QAM	43190	100RB#0	10.26	13	PASS
42(3550-3600)	20MHz	64QAM	43340	100RB#0	10.75	13	PASS
42(3550-3600)	20MHz	64QAM	43490	100RB#0	10.36	13	PASS
42(3550-3600)	20MHz	256QAM	43190	100RB#0	10.36	13	PASS
42(3550-3600)	20MHz	256QAM	43340	100RB#0	10.52	13	PASS
42(3550-3600)	20MHz	256QAM	43490	100RB#0	10.21	13	PASS

Test Graphs





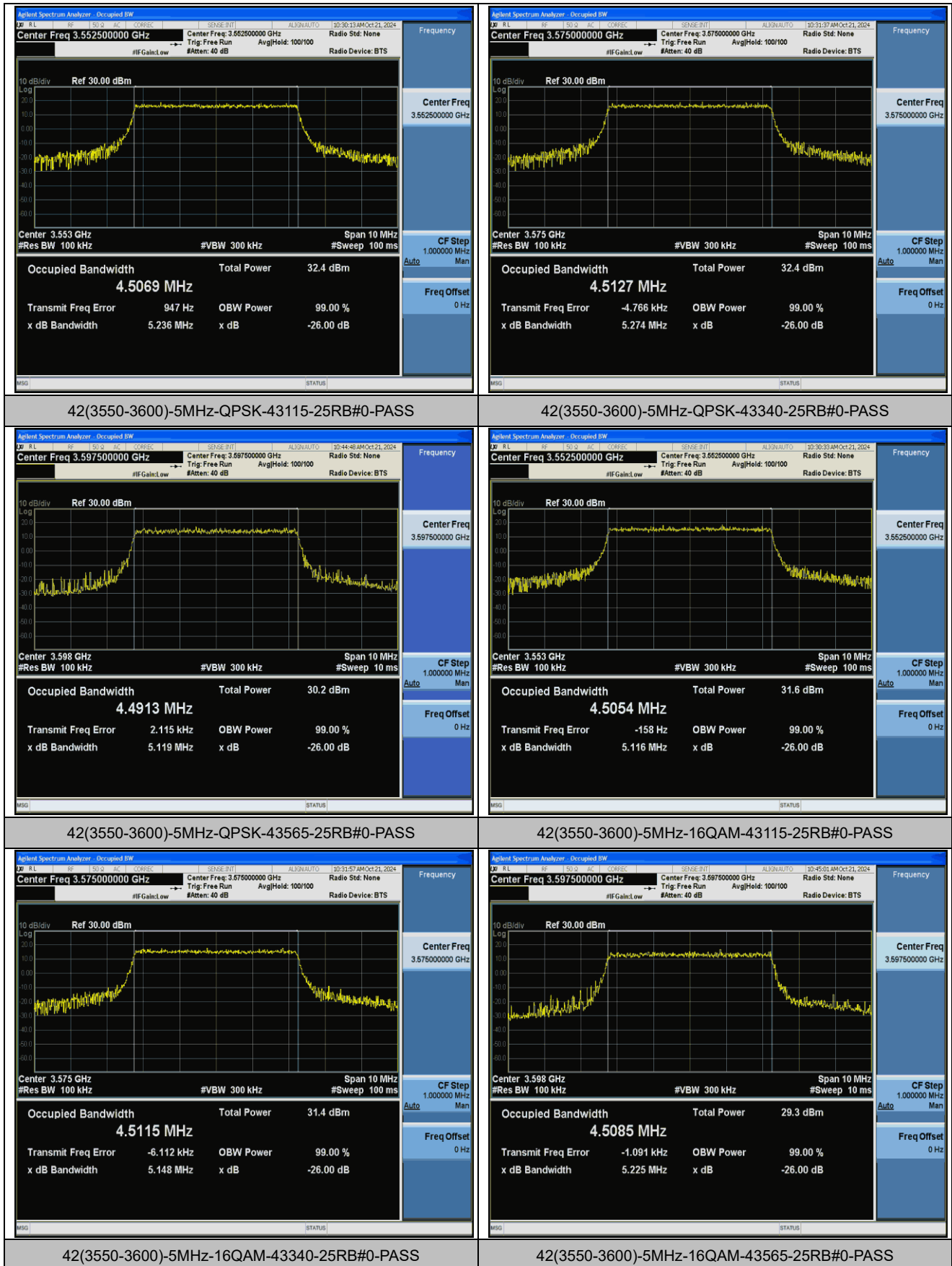
26dB Bandwidth and Occupied Bandwidth

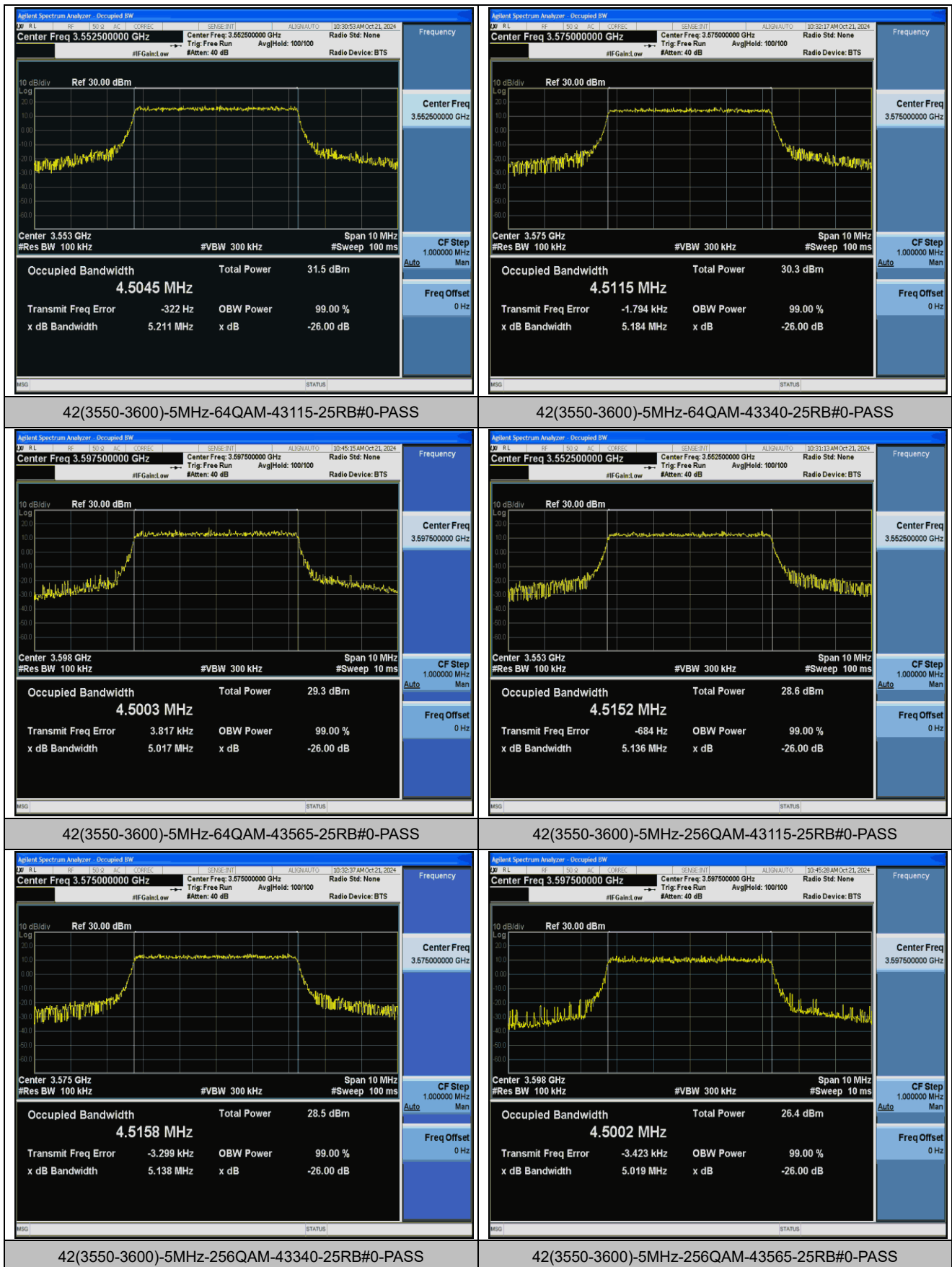
Test Result

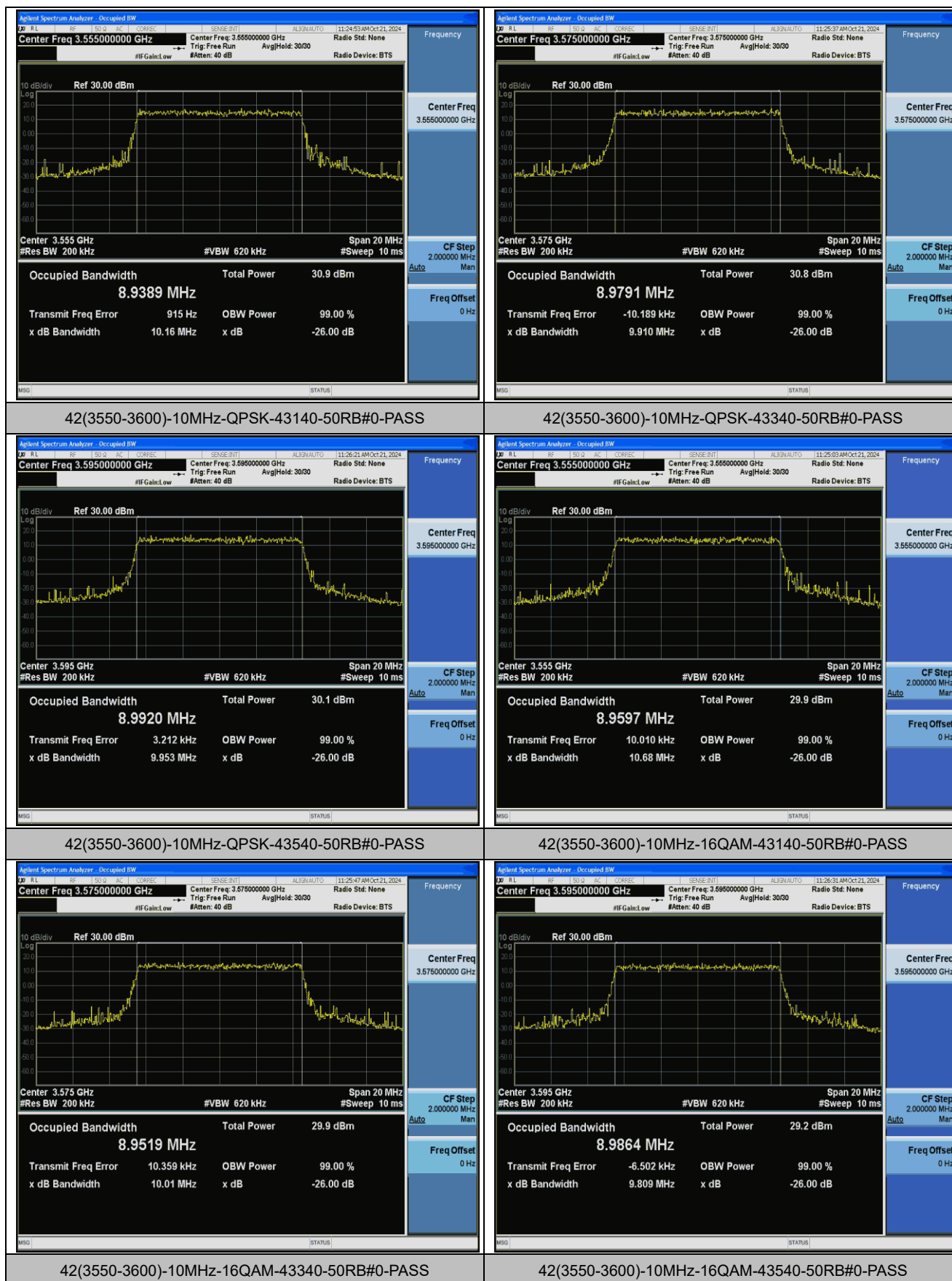
Band	Bandwidth	Modulation	Channel	RB Configuration	OBW (MHz)	26dB EBW (MHz)	Verdict
42(3550-3600)	5MHz	QPSK	43115	25RB#0	4.5069	5.236	PASS
42(3550-3600)	5MHz	QPSK	43340	25RB#0	4.5127	5.274	PASS
42(3550-3600)	5MHz	QPSK	43565	25RB#0	4.4913	5.119	PASS
42(3550-3600)	5MHz	16QAM	43115	25RB#0	4.5054	5.116	PASS
42(3550-3600)	5MHz	16QAM	43340	25RB#0	4.5115	5.148	PASS
42(3550-3600)	5MHz	16QAM	43565	25RB#0	4.5085	5.225	PASS
42(3550-3600)	5MHz	64QAM	43115	25RB#0	4.5045	5.211	PASS
42(3550-3600)	5MHz	64QAM	43340	25RB#0	4.5115	5.184	PASS
42(3550-3600)	5MHz	64QAM	43565	25RB#0	4.5003	5.017	PASS
42(3550-3600)	5MHz	256QAM	43115	25RB#0	4.5152	5.136	PASS
42(3550-3600)	5MHz	256QAM	43340	25RB#0	4.5158	5.138	PASS
42(3550-3600)	5MHz	256QAM	43565	25RB#0	4.5002	5.019	PASS
42(3550-3600)	10MHz	QPSK	43140	50RB#0	8.9389	10.16	PASS
42(3550-3600)	10MHz	QPSK	43340	50RB#0	8.9791	9.910	PASS
42(3550-3600)	10MHz	QPSK	43540	50RB#0	8.9920	9.953	PASS
42(3550-3600)	10MHz	16QAM	43140	50RB#0	8.9597	10.68	PASS
42(3550-3600)	10MHz	16QAM	43340	50RB#0	8.9519	10.01	PASS
42(3550-3600)	10MHz	16QAM	43540	50RB#0	8.9864	9.809	PASS
42(3550-3600)	10MHz	64QAM	43140	50RB#0	8.9806	10.28	PASS
42(3550-3600)	10MHz	64QAM	43340	50RB#0	8.9920	10.05	PASS
42(3550-3600)	10MHz	64QAM	43540	50RB#0	8.9609	10.08	PASS
42(3550-3600)	10MHz	256QAM	43140	50RB#0	8.9800	10.04	PASS
42(3550-3600)	10MHz	256QAM	43340	50RB#0	8.9522	10.29	PASS
42(3550-3600)	10MHz	256QAM	43540	50RB#0	8.9419	9.818	PASS
42(3550-3600)	15MHz	QPSK	43165	75RB#0	13.490	14.88	PASS
42(3550-3600)	15MHz	QPSK	43340	75RB#0	13.438	15.21	PASS
42(3550-3600)	15MHz	QPSK	43515	75RB#0	13.533	14.90	PASS
42(3550-3600)	15MHz	16QAM	43165	75RB#0	13.446	15.22	PASS
42(3550-3600)	15MHz	16QAM	43340	75RB#0	13.457	14.64	PASS
42(3550-3600)	15MHz	16QAM	43515	75RB#0	13.461	14.95	PASS
42(3550-3600)	15MHz	64QAM	43165	75RB#0	13.487	15.19	PASS
42(3550-3600)	15MHz	64QAM	43340	75RB#0	13.424	14.94	PASS
42(3550-3600)	15MHz	64QAM	43515	75RB#0	13.453	14.81	PASS
42(3550-3600)	15MHz	256QAM	43165	75RB#0	13.432	14.56	PASS
42(3550-3600)	15MHz	256QAM	43340	75RB#0	13.455	14.96	PASS
42(3550-3600)	15MHz	256QAM	43515	75RB#0	13.480	14.73	PASS
42(3550-3600)	20MHz	QPSK	43190	100RB#0	17.935	19.45	PASS

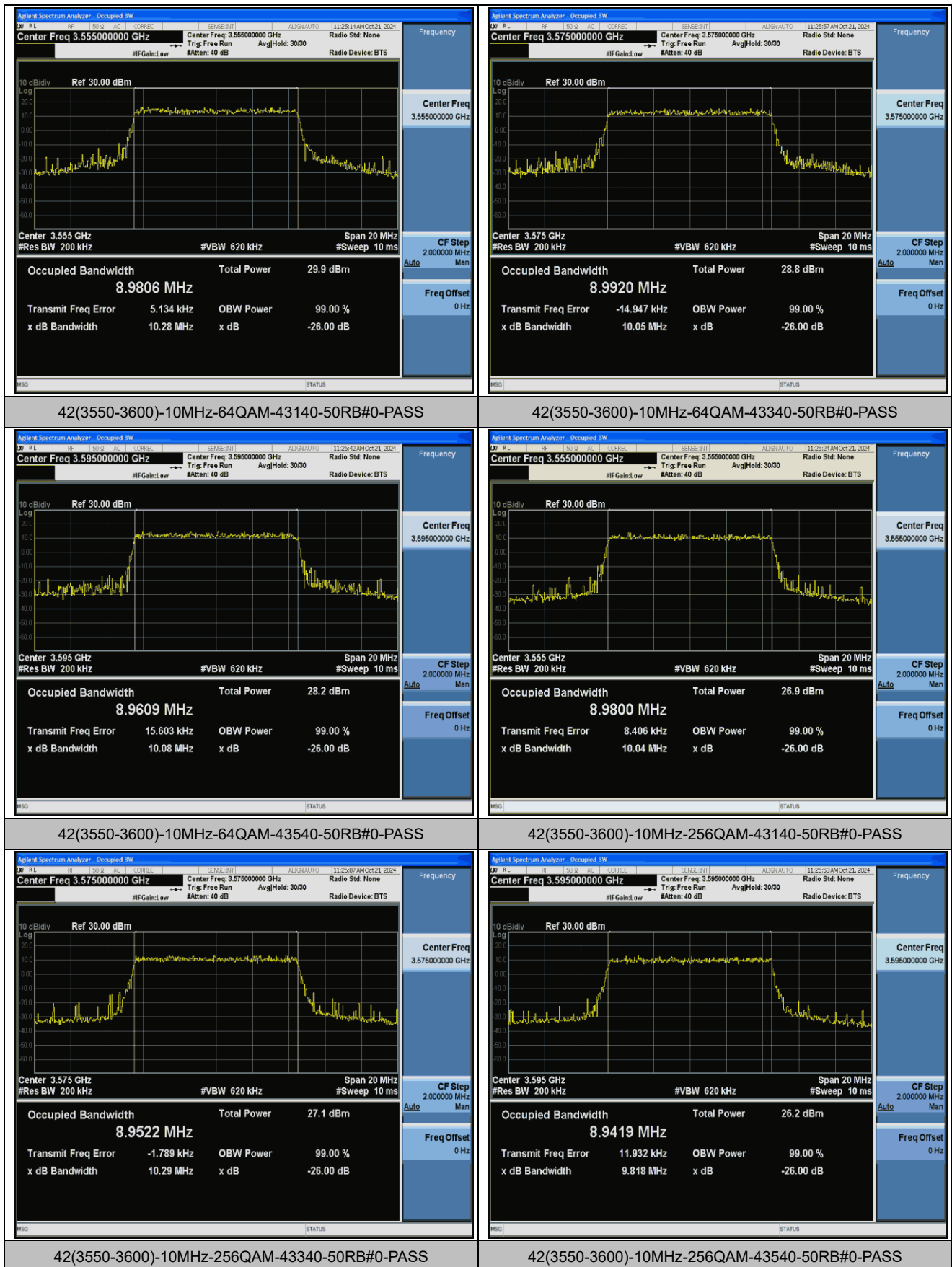
42(3550-3600)	20MHz	QPSK	43340	100RB#0	17.902	19.71	PASS
42(3550-3600)	20MHz	QPSK	43490	100RB#0	17.959	19.56	PASS
42(3550-3600)	20MHz	16QAM	43190	100RB#0	17.950	19.46	PASS
42(3550-3600)	20MHz	16QAM	43340	100RB#0	17.958	19.57	PASS
42(3550-3600)	20MHz	16QAM	43490	100RB#0	17.904	20.14	PASS
42(3550-3600)	20MHz	64QAM	43190	100RB#0	17.932	20.29	PASS
42(3550-3600)	20MHz	64QAM	43340	100RB#0	17.936	19.47	PASS
42(3550-3600)	20MHz	64QAM	43490	100RB#0	17.924	19.87	PASS
42(3550-3600)	20MHz	256QAM	43190	100RB#0	17.937	19.62	PASS
42(3550-3600)	20MHz	256QAM	43340	100RB#0	17.946	19.48	PASS
42(3550-3600)	20MHz	256QAM	43490	100RB#0	17.959	19.53	PASS

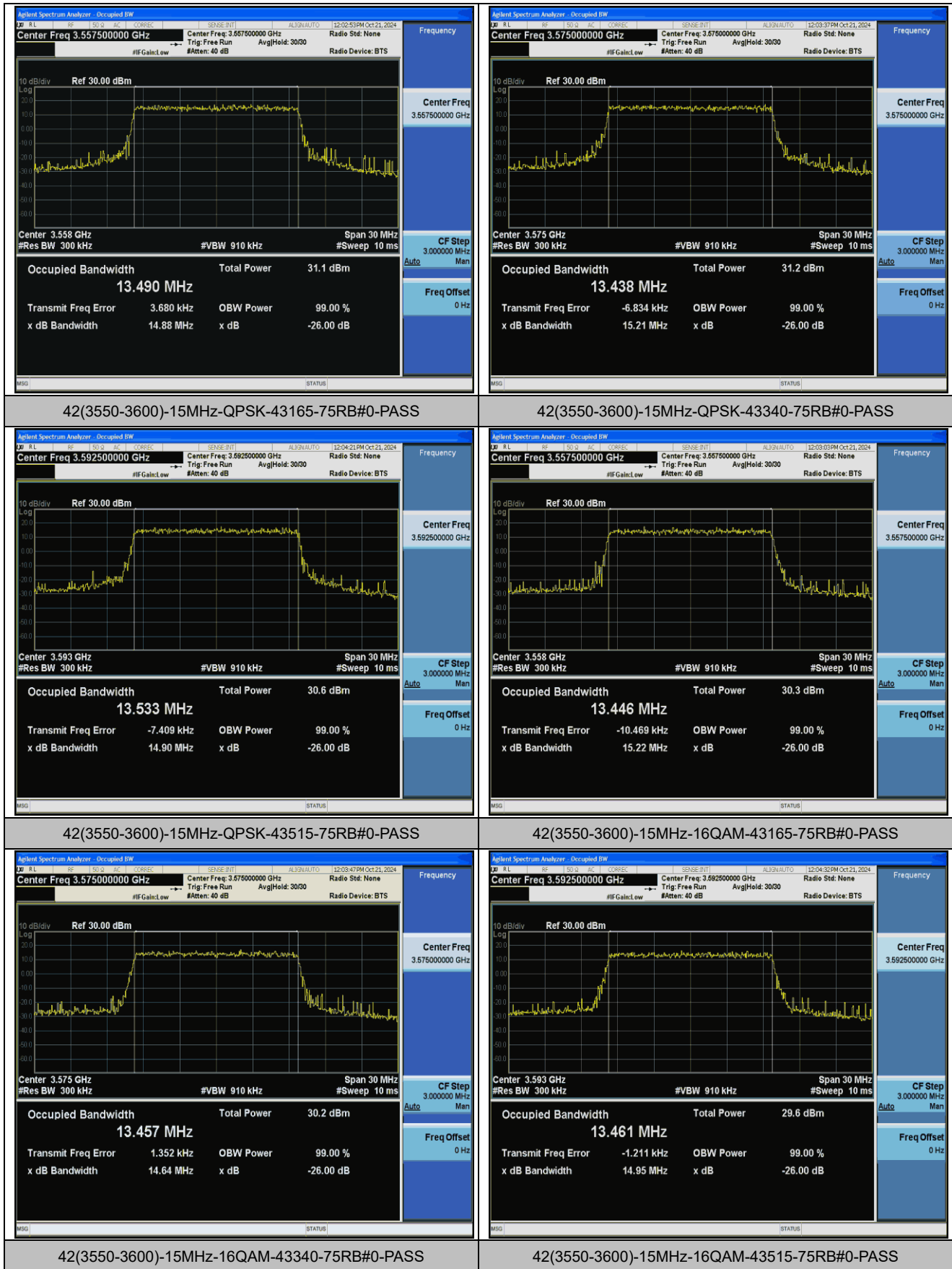
Test Graphs

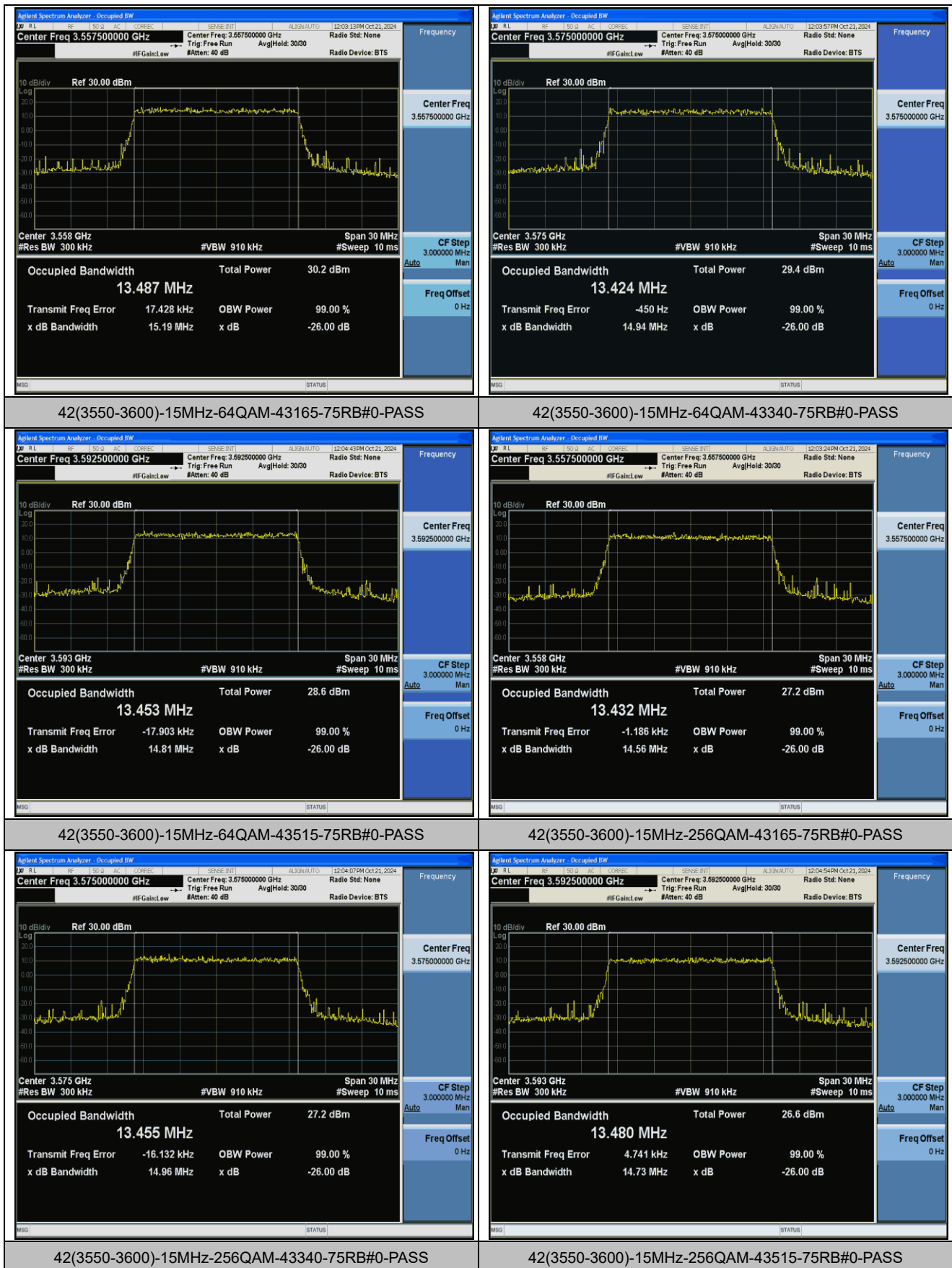


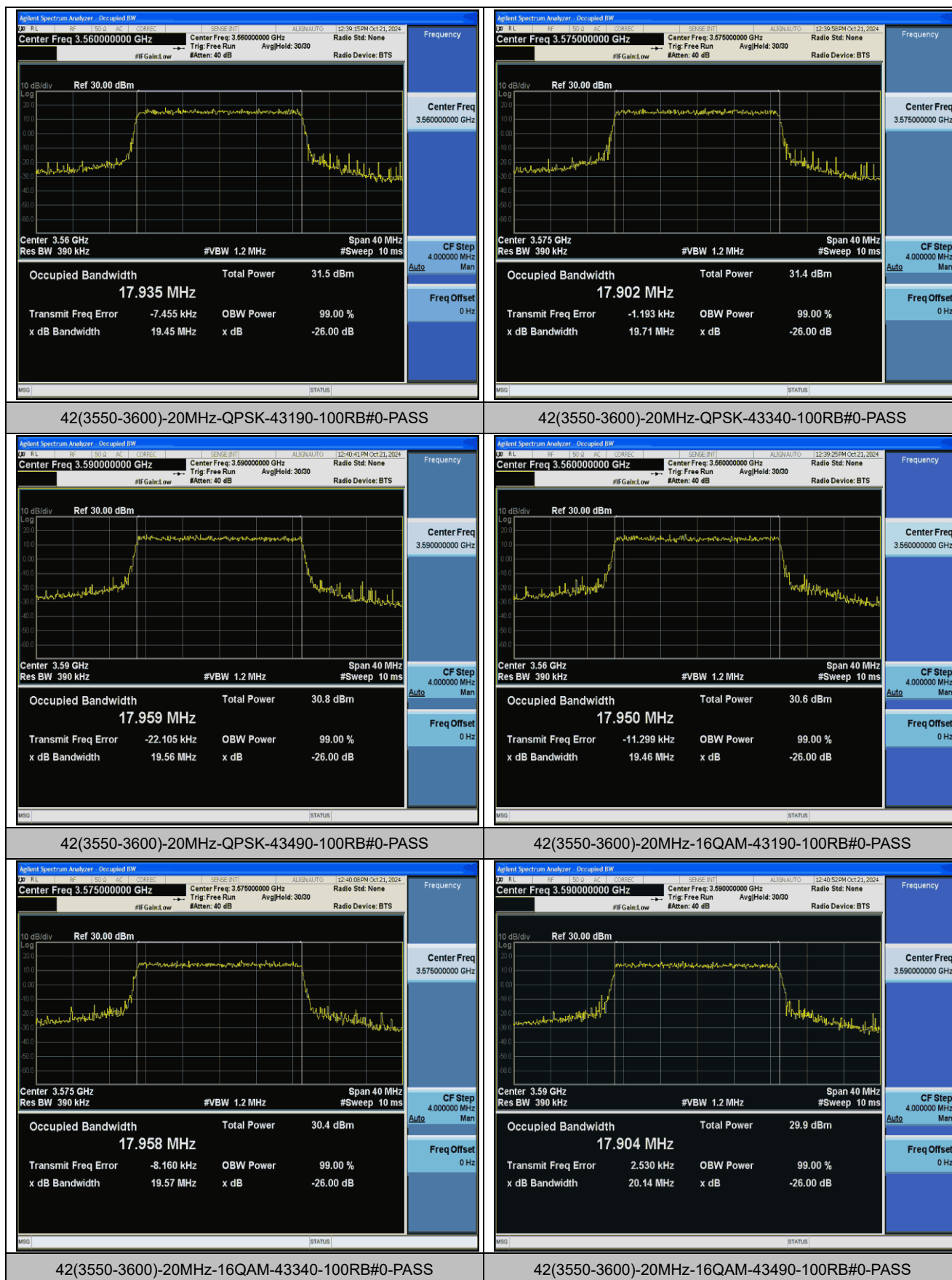


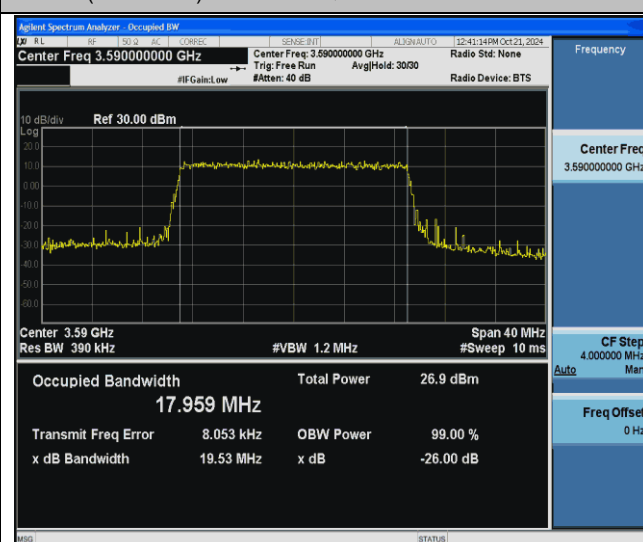
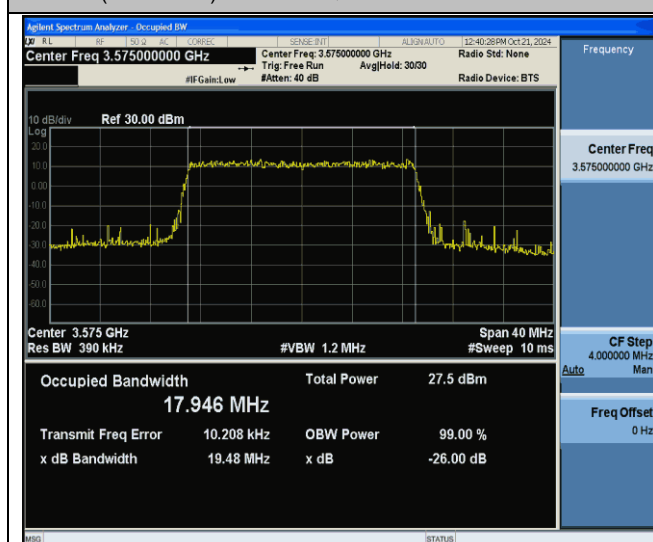
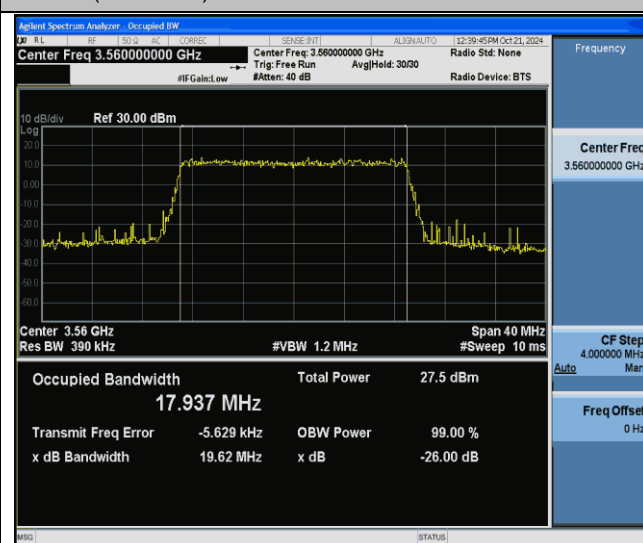
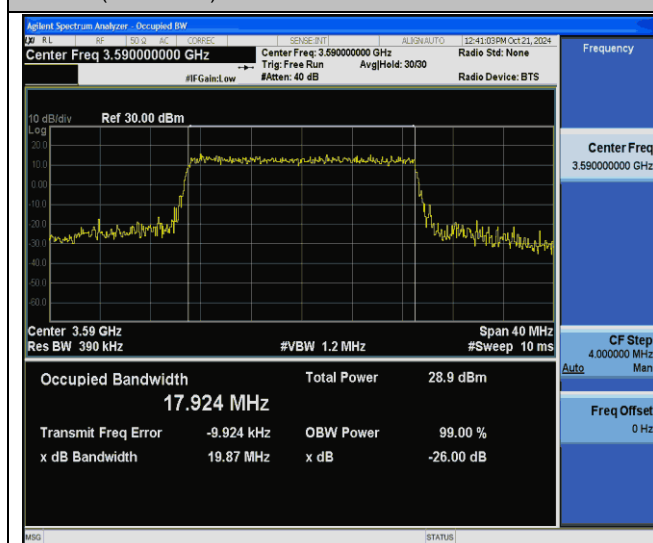
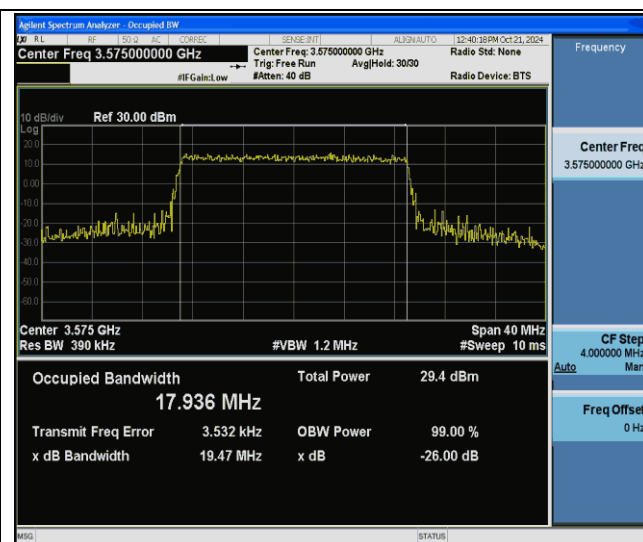
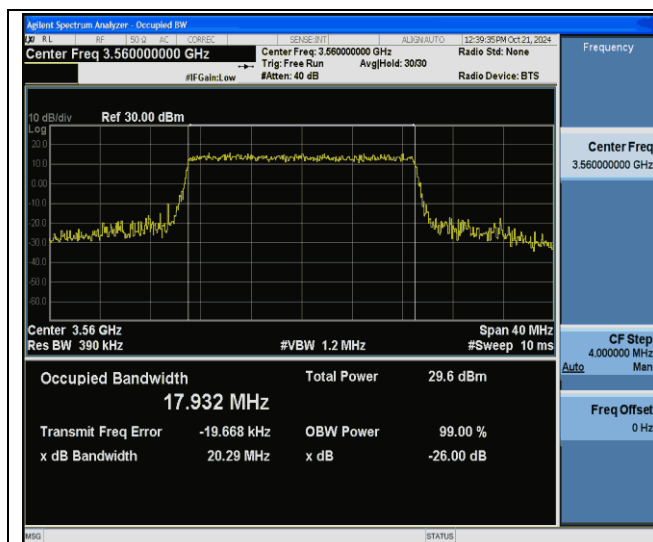






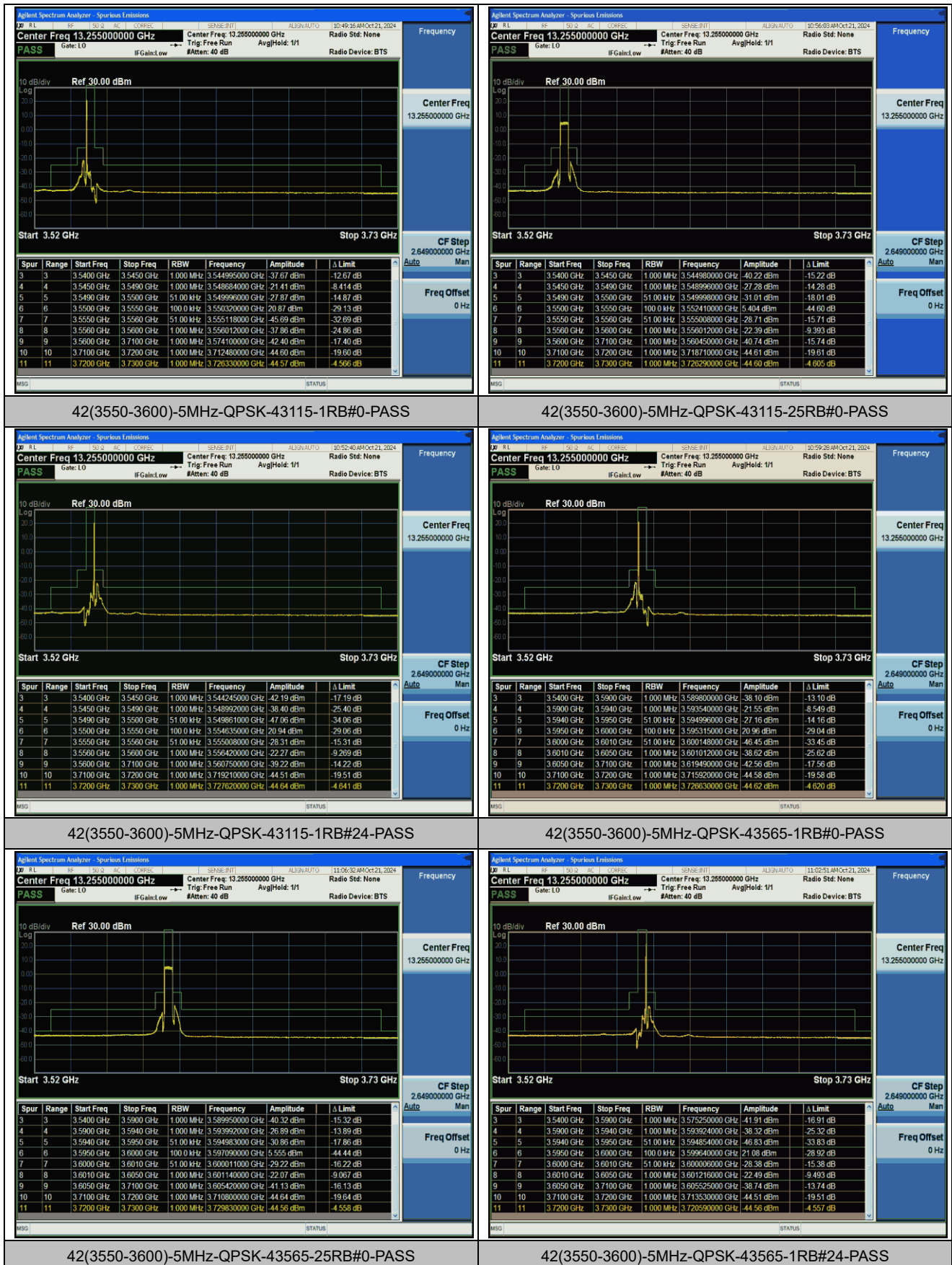


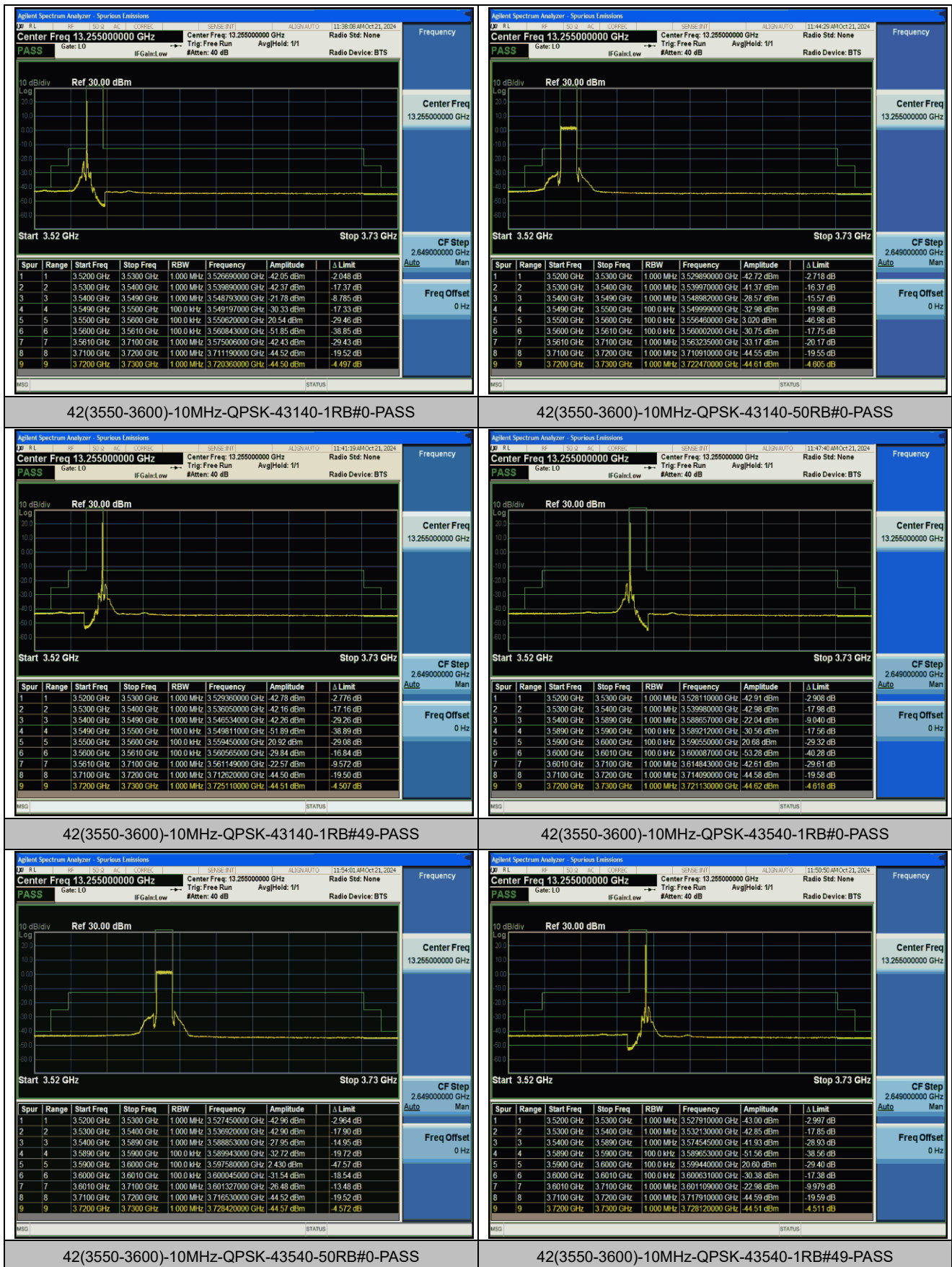


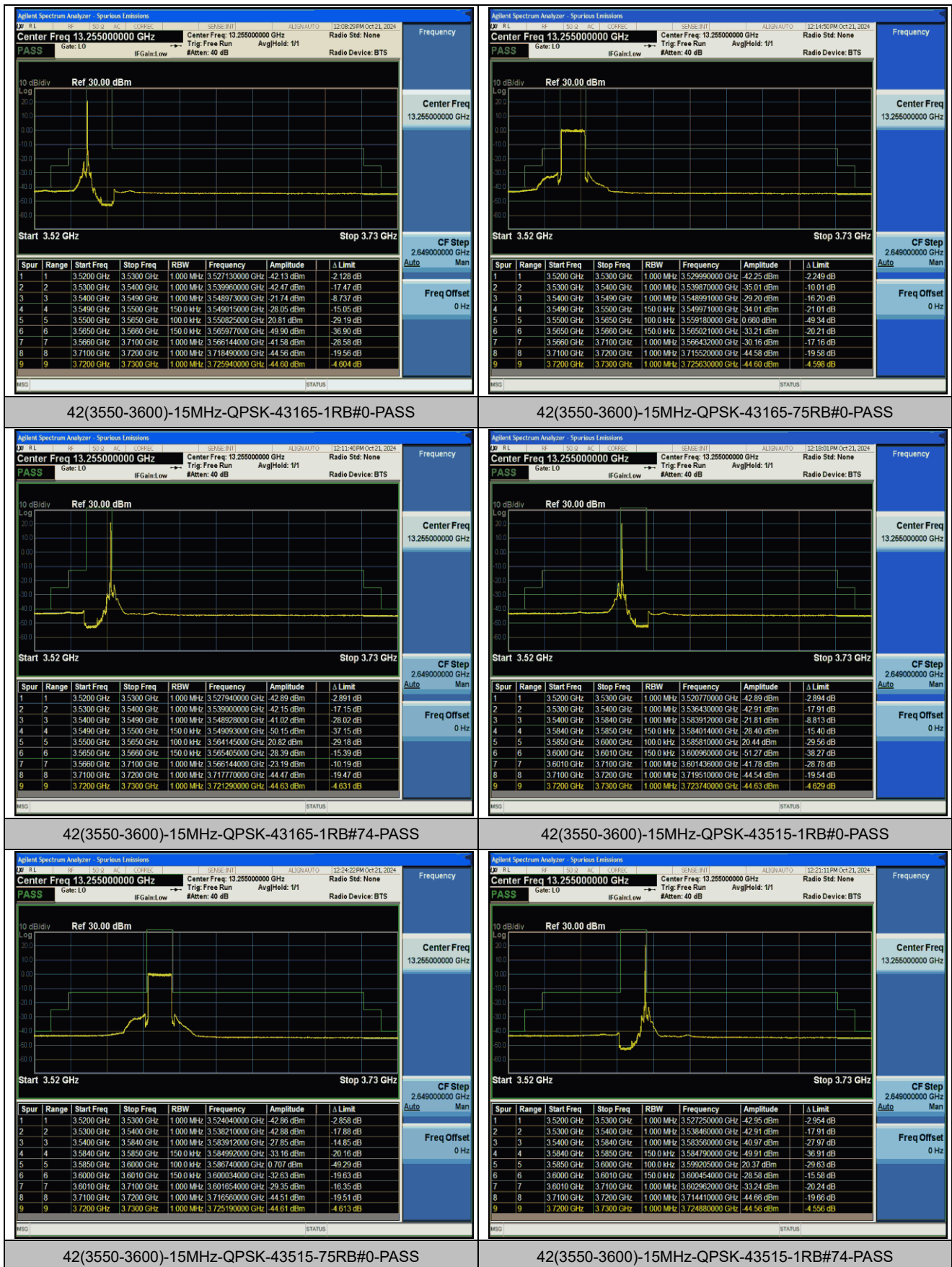


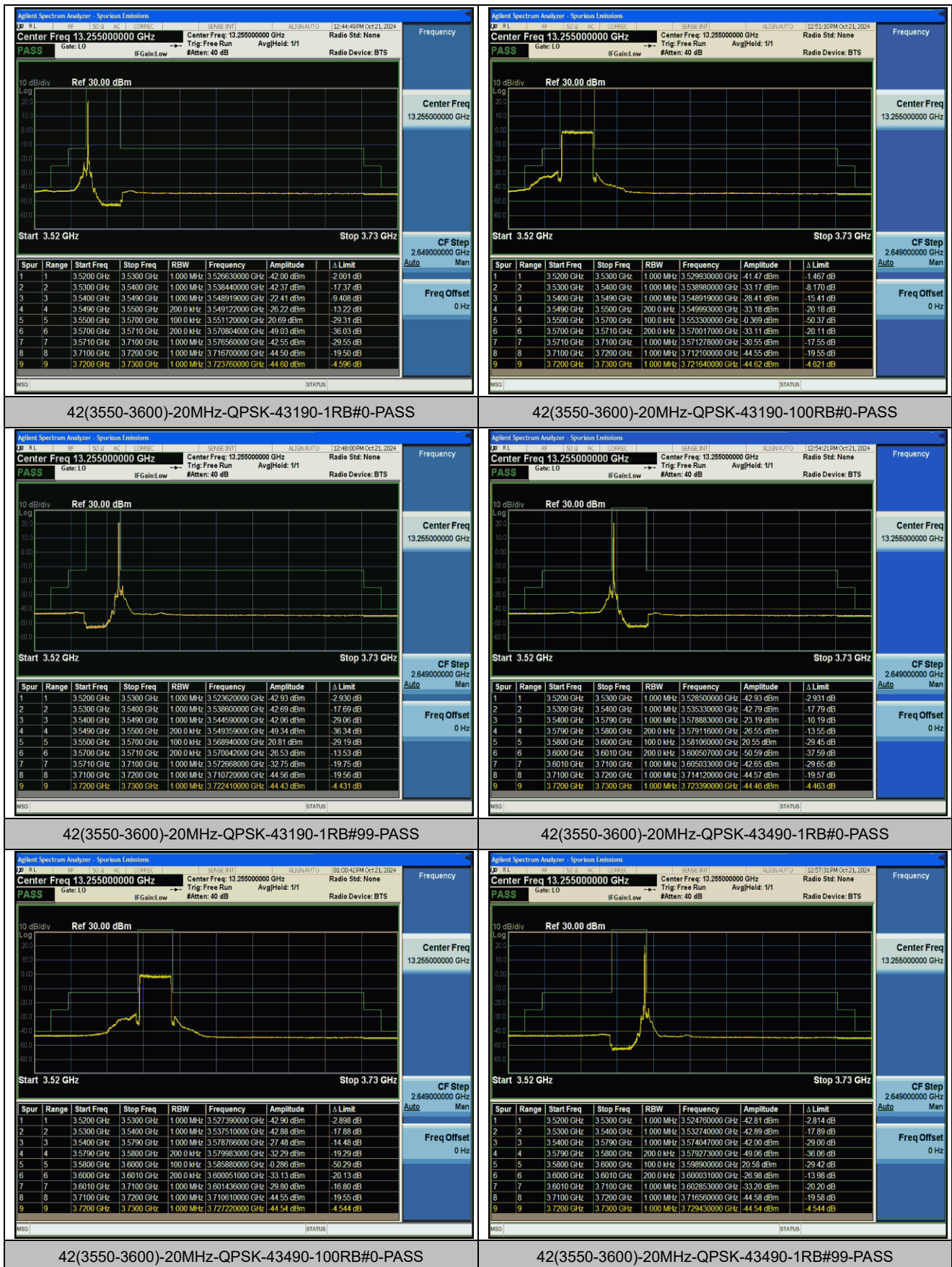
Band Edge

Test Graphs



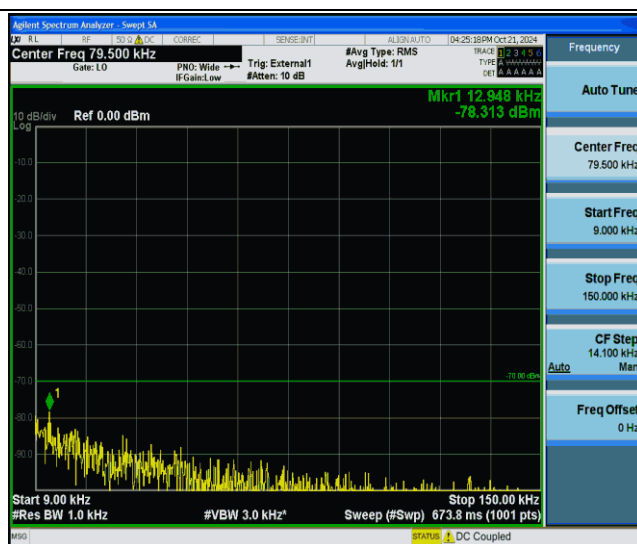




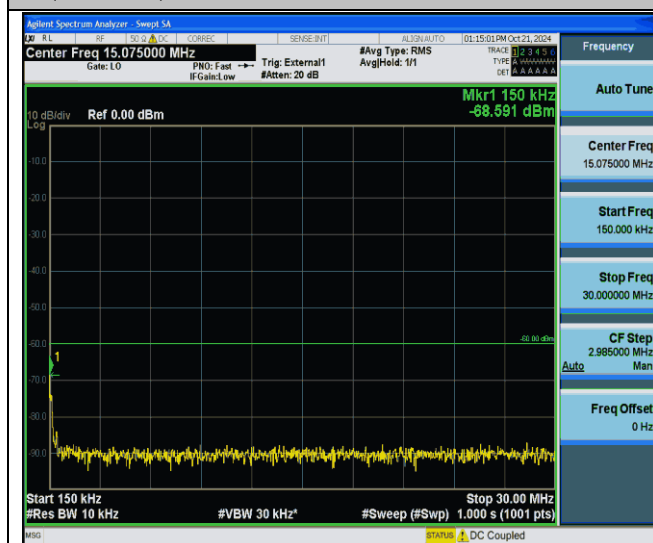




42(3550-3600)-20MHz-QPSK-43190-1RB#0-18000~40000-PASS



42(3550-3600)-20MHz-QPSK-43340-1RB#0-0.009~0.15-PASS



42(3550-3600)-20MHz-QPSK-43340-1RB#0-0.15~30-PASS



42(3550-3600)-20MHz-QPSK-43340-1RB#0-30~1000-PASS



42(3550-3600)-20MHz-QPSK-43340-1RB#0-1000~3000-PASS



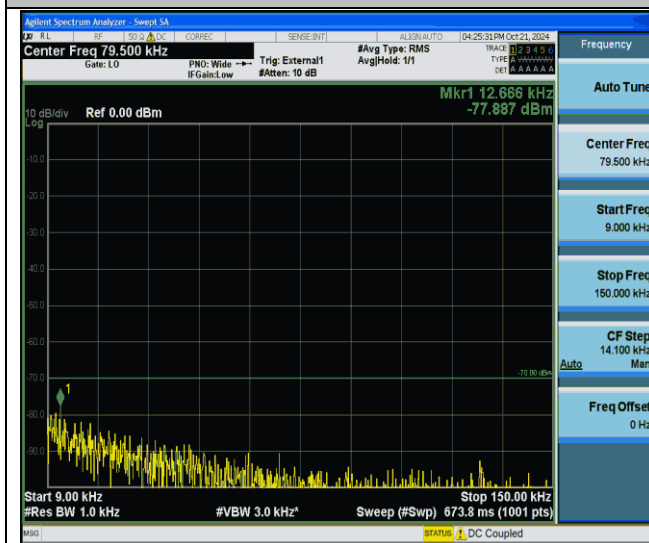
42(3550-3600)-20MHz-QPSK-43340-1RB#0-3000~4000-PASS



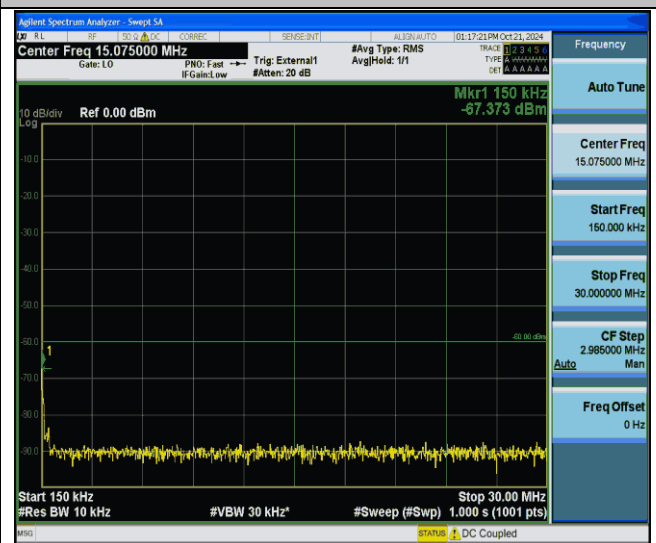
42(3550-3600)-20MHz-QPSK-43340-1RB#0-4000~18000-PASS



42(3550-3600)-20MHz-QPSK-43340-1RB#0-18000~40000-PASS



42(3550-3600)-20MHz-QPSK-43490-1RB#0-0.009~0.15-PASS



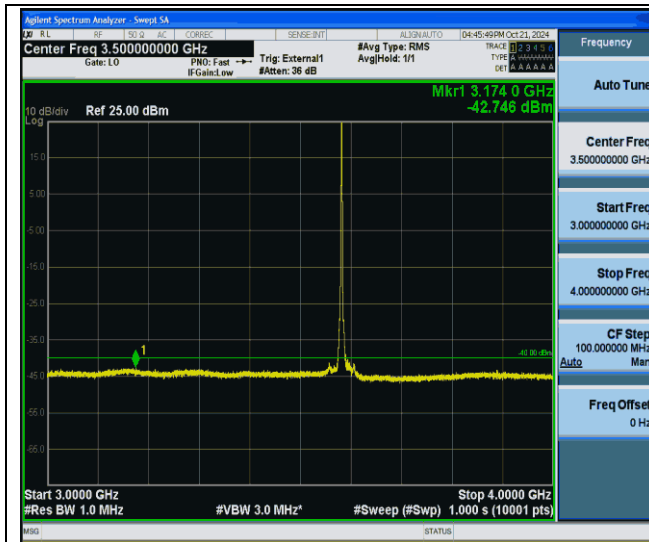
42(3550-3600)-20MHz-QPSK-43490-1RB#0-0.15~30-PASS



42(3550-3600)-20MHz-QPSK-43490-1RB#0-30~1000-PASS



42(3550-3600)-20MHz-QPSK-43490-1RB#0-1000~3000-PASS



42(3550-3600)-20MHz-QPSK-43490-1RB#0-3000~4000-PASS



42(3550-3600)-20MHz-QPSK-43490-1RB#0-4000~18000-PASS



42(3550-3600)-20MHz-QPSK-43490-1RB#0-18000~40000-PASS

Frequency Stability

Test Result

Voltage									
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Verdict
42(3550-3600)	20MHz	QPSK	43190	100RB#0	VN	NT	-0.50	-0.000140	PASS
42(3550-3600)	20MHz	QPSK	43190	100RB#0	VL	NT	-0.80	-0.000225	PASS
42(3550-3600)	20MHz	QPSK	43190	100RB#0	VH	NT	-1.50	-0.000421	PASS

Temperature									
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Verdict
42(3550-3600)	20MHz	QPSK	43190	100RB#0	NV	-30	-0.10	-0.000028	PASS
42(3550-3600)	20MHz	QPSK	43190	100RB#0	NV	-20	0.40	0.000112	PASS
42(3550-3600)	20MHz	QPSK	43190	100RB#0	NV	-10	-0.50	-0.000140	PASS
42(3550-3600)	20MHz	QPSK	43190	100RB#0	NV	0	0.20	0.000056	PASS
42(3550-3600)	20MHz	QPSK	43190	100RB#0	NV	10	1.30	0.000365	PASS
42(3550-3600)	20MHz	QPSK	43190	100RB#0	NV	20	0.80	0.000225	PASS
42(3550-3600)	20MHz	QPSK	43190	100RB#0	NV	30	-0.80	-0.000225	PASS
42(3550-3600)	20MHz	QPSK	43190	100RB#0	NV	40	-0.30	-0.000084	PASS
42(3550-3600)	20MHz	QPSK	43190	100RB#0	NV	50	0.30	0.000084	PASS

~The End~